



## Saideep Healthcare and Research PVT .LTD

### Hazardous Material List

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31. Barium chloride
32. Enzymatic cleaner
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37. Nitrous oxide
38. Isopropyl alcohol
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40. Bactoline
41. Nitrogen liquid
42. Alcohol swab
43. Nocolyse
44. X-ray developer
45. X-ray fixer
46. Helium
47. Mercury
48. Potassium per magnet
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50. Room freshener
51. Sanitizer
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53. Taski R2
54. Taski R3
55. Taski R4
56. Taski R6
57. Taski R7
58. Taski D7

Mr. Akshay Navale



FIRE SAFETY OFFICER





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1	Renaclean	Non Flammable	Dialyser cleaning	Skin contact or ingestion, may cause eye irritation and mild skin.	Inhalation: Assure fresh air breathing. Allow the victim to rest. Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.
2	Citrosterile	Non Flammable	Haemodialysis of machine	Skin contact or ingestion, may cause eye irritation and mild skin.	Inhalation Skin contact Eye contact Ingestion Advice to doctor Ensure supply of fresh air. In the event of symptoms refer for medical treatment. Change soaked clothing. In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice. In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists. Treat symptomatically. Supply with medical care. Rinse out mouth and give plenty of water to drink.





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3	Sodium Hypochlorite	Flammable	Front Supply	Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion	Dermal: Wash thoroughly with running water or saline. Treat as a thermal burn, if necessary. Eyes: Irrigate thoroughly for 10 to 15 minutes. Refer to an ophthalmologist.
4	Surgical Spirit	Flammable	Disinfectant	Hazardous in case of eye contact (irritant), of ingestion, of inhalation	Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used. Serious Skin Contact: Not available. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear. Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious



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5	Bacillol	Flammable	Antiseptic Disinfectant	<p>Primary irritant effect on the skin: No irritant :</p> <p>Effect on the eye: Irritant effect.</p> <p>Sensitization: No sensitizing effect know</p>	<p>General information Get medical advice/attention if you feel unwell.</p> <ul style="list-style-type: none"> <li>· After inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>· After skin contact The product is not skin irritating.</li> <li>· After eye contact Rinse cautiously with water for several minutes.</li> <li>· After swallowing Rinse mouth.</li> </ul> <p>Do NOT induce vomiting</p>
6	Gram stain kit	Flammable	Staining	<p>Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion</p>	<p>Inhalation: Remove person to fresh air and keep comfortable for breathing.</p> <p>Skin contact: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.</p> <p>Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Ingestion: Rinse mouth out with water. If you feel unwell, seek medical advice.</p>





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7	Rapid cold method	Non-Flammable	Staining	Inhaled: May cause irritation of the respiratory tract. May also cause headaches or dizziness at moderate exposures. Asphyxiate. Causes unconsciousness and respiratory arrest at elevated exposures. Eye: Irritating if the liquid gets into the eyes, with a possible hazard from freezing due to rapid evaporation. Vapours in high concentration may also be irritating. Skin: Excessive prolonged contact to the liquid can cause skin irritation and frostbite due to rapid evaporation. Swallowed: Unlikely to be a problem,	Inhaled: Avoid breathing vapours and fumes as much as possible. If someone is overcome by fumes, remove them to fresh air immediately. However, rescuers should avoid becoming a casualty by wearing suitable respiratory protection. If the affected individual is not breathing, administer artificial respiration. Seek medical advice promptly in serious cases of over-exposure. Eye: Avoid eye contact with the product. Remove any contact lenses carefully. Hold eyelids open and flush eyes with fresh tepid water for 15 minutes. Seek medical advice immediately for all eye contact. Where significant splashing of COLD® 22 liquid may occur, eyewash Facilities stations Should be installed. Skin: Avoid skin contact with the liquid. Remove



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				owing to high evaporation rate. Chronic: No effects reported from long term industrial exposure to this product.	contaminated clothing and wash the exposed areas with plenty of soap and water. Seek medical advice if irritation or frostbite (see below) occurs. Swallowed: Unlikely to be a problem, owing to high evaporation rate.
8	<b>Benedict reagents</b>	Non Flammable	Sugar in urine	Can cause eye, skin or respiratory tract irritation.	Inhalation: Assure fresh air breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Skin contact: Wash with plenty of soap and water. Get immediate medical advice/attention
9	<b>Sulphosalicylic acid 3%</b>	Non Flammable	Protein in Urine	Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Ingestion: May be harmful if swallowed. May cause irritation of the gastrointestinal tract. Skin Contact: May be harmful if absorbed through skin. May cause skin irritation. Eye Contact: Harmful if exposed to the eyes. Causes eye irritation.	Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If the victim is not breathing, provide artificial respiration. Get medical attention if symptoms persist. Ingestion: Do not induce vomiting except as directed by medical personnel. If swallowed, give several glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention. Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse.





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					Get medical attention if irritation persists. Eye Contact: Check for and remove contact lenses. Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.
10	K2 EDTA 5%	Non flammable	To collect blood for CBC	<p>Primary irritant effect on the skin: No irritant :</p> <p>Effect on the eye: Irritant effect.</p> <p>Sensitization: No sensitizing effect know</p>	<p>General information Get medical advice/attention if you feel unwell.</p> <ul style="list-style-type: none"> <li>· After inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>· After skin contact The product is not skin irritating.</li> <li>· After eye contact Rinse cautiously with water for several minutes.</li> <li>· After swallowing Rinse mouth.</li> </ul> <p>Do NOT induce vomiting</p>





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11	Lugol's iodine	Non Flammable	Stool microscopy	Normal handling should not constitute a hazard. However if uncontrolled exposure occur it is harmful by inhalation, skin contact or ingestion. May cause eye irritation and mild skin irritation. Target organs: respiratory system, gastrointestinal tract, skin, eyes, kidneys, thyroid.	<p>EYE: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Flush contaminated skin with plenty of water.</p> <p>INHALATION: Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.</p> <p>SKIN: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious,</p>



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					place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
12	Ammonium Sulphate	Non Flammable	Ketones in urine	Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes	First Aid: eyes-immediately wash with running water for 5 min. get Medical attention if irritation persists. skin-avoid prolonged Contact with excessive solution. If irritation develops, get medical attention. Ingestion-do not induce vomiting. drink Several glasses of water or milk. get immediate medical Attention. Inhalation-remove to fresh air. get medical Attention if respiratory discomfort persists.



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13	Seliwanoff's reagent	Non Flammable	Fructose in semen	Hazardous in case of eye contact (irritant), of ingestion, of inhalation	<p>Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids Open. Cold water may be used. Get medical attention immediately.</p> <p>Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated Clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical Attention.</p> <p>Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical Attention immediately.</p> <p>Ingestion:</p>





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					If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an Unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
14	Liquid Paraffin	Non flammable	Microscopy using oil immersion lens	Avoid contact with skin. Wear protective clothes during handling product.	Eye Contact: If the eyes are affected, irrigate them immediately with Copious amounts of water. If irritation occurs and persists, obtain medical advice. → Skin Contact: Where significant skin contact has occurred, wash affected areas thoroughly With water, using soap if available. Contaminated clothing should be removed As soon as possible, and affected skin areas washed thoroughly. → Inhalation: If a person breathes in large amounts of this substance, move the espoused Person to fresh air at once. Keep the affected person warm and at rest. Get Medical attention immediately. → Ingestion: If ingested do not induce vomiting. Obtain medical advice immediately. Aspiration: If there is any suspicion



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					of aspiration of this substance either directly or as a result of vomiting obtain medical advice immediately.
15	Semen diluting fluids	Non Flammable	Semen microscopy	Normal handling should not constitute a hazard. Hazardous in case of eye contact (irritant), of ingestion, of inhalation.	If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
16	WBC diluting fluids	Non Flammable	WBC count	Skin contact or ingestion, may cause eye irritation and mild skin.	Inhalation: Assure fresh air breathing. Allow the victim to rest. Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking



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					or redness persist. Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.
17	Fouchets Reagents	Non Flammable	Bile Pigments	Hazardous in case of eye contact (irritant), of ingestion, of inhalation	Inhalation: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. First-aid measures after skin contact: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion: Rinse mouth. Do not induce vomiting
18	Ammonia Solution 25%	non flammable	Ketones	Eye: Causes eye irritation. May cause chemical conjunctivitis. Skin: May cause skin irritation.	Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.





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				<p>Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. May cause gastric disturbances and electrolytic imbalance.</p> <p>Inhalation: May cause respiratory tract irritation.</p> <p>Chronic: Laboratory experiments have resulted in mutagenic effects.</p>	<p>Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.</p> <p>Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.</p> <p>Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.</p>
19	XYLENE	Flammable	To remove oil from slide	<p>Can cause irritation of skin, eyes, nasal and respiratory passages. Ingestion can cause irritation of GI tract, nausea, vomiting and diarrhoea. Prolonged skin contact may cause dermatitis. Manganese poisoning by ingestion and inhalation can result in harmful effect on</p>	<p>Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15Minutes. Get medical attention.</p> <p>Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated</p>



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				central nervous system. Early symptoms include sluggishness, sleepiness & weakness in legs. Advanced cases have shown symptom of fixed facial expression, emotional disturbances and falling. Ingestion may result in kidney damage.	<p>Clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.</p> <p>Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical Attention.</p> <p>Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical Attention if symptoms appear.</p> <p>Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If Breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical Attention.</p> <p>Ingestion:</p>



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					Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious Person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
20	Samples of blood and body fluids	Non Flammable	Types of sample for testing	Skin contact or ingestion may cause eye irritation and mild skin	Inhalation If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin arterial respiration immediately and obtain medical attention. Eye Contact If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention. Skin Contact In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention. Ingestion If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.





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21	Microbiological cultures plates	Non Flammable	To grow microorganism in vitro	Can cause irritation of skin, eyes, nasal and respiratory passages.	Ingestion: If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician then administer three cupfuls of water. Do not induce vomiting unless directed to do so by a physician. Inhalation: If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician. Dermal exposure: Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Eye exposures: Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.
22	Leishmans stain	Non-Flammable	Stain peripheral blood smear	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion,	Inhalation: Assure fresh air breathing. Allow the victim to rest. Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Eye contact: If eye irritation persists: Get medical



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					advice. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting
23	<b>HYDROCHLORIC ACID</b>	Flammable	To measure Hb by sahalis method	May cause irreversible eye injury, cause severe digestive tract burns with abdominal pain, vomiting	EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately. SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing And shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean Shoes before reuse. Get medical attention immediately. SERIOUS SKIN CONTACT:



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					<p>Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical Attention.</p> <p><b>INHALATION:</b> If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical Attention immediately.</p> <p><b>SERIOUS INHALATION:</b> Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If Breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. <b>WARNING:</b> It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.</p> <p><b>INGESTION:</b></p>





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					If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
24	Methanol	Flammable	For fixation of PAP smear	Flammable liquid and vapour. May cause central nervous system depression. Causes severe eye irritation. Causes respiratory tract irritation. Causes moderate skin irritation	Inhalation If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention. Eye Contact If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention. Skin Contact In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention. Ingestion If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.



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25	H2O2	Flammable	Disinfectant	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion,	Eyes: flush immediately with plenty of water. if irritation persists, get Medical attention. Skin: flush immediately with plenty of water. if irritation persists, get Medical attention. Inhalation: no specific first aid measures are required. Ingestion: do not induce vomiting. if patient is conscious and can swallow,
26	Enzymatic cleaner	Non Flammable		Harmful if swallowed Causes skin irritation May cause respiratory irritation  To avoid risks to human health and the environment, comply with the instructions for use	eye contact: Flush eyes with copious amounts of water for a minimum of 15 minute Inhalation: Allow the victim to rest in a well-ventilated area. Seek immediate medical skin contact: Flush exposed skin with copious amounts of water for a minimum of 15 minutes ingestion: Contact a physician in case of ingestion



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27	Ethylene Oxide	Flammable	Sterilizer	Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion	<p>Inhalation Remove patient to fresh air, keep him warm and in order to rest quietly. Avoid walking. Seek medical advice.</p> <p>Symptoms and effects: irritation, headache, dizziness, weakness, stupefaction, irritant coughing, convulsions, unconsciousness, possible respiratory inhibition or arrest.</p> <p>Skin contact Immediately take off all contaminated clothing and footwear. Flush effected area with copious quantities of water. Seek medical advice.</p> <p>Symptoms and effects: mild irritation, degreasing, absorption, eruption and blistering.</p> <p>Eye contact Immediately flush eyes with clean lukewarm water and continue flushing for at least 15 minutes – keep the eyelids widely apart and flush thoroughly with mild water stream from the inner to the outer canthus. Seek medical advice. symptoms and effects: severe irritation, cornea damage</p>





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					Swallowing Never give anything by mouth to an unconscious person, just put patient into a stabilized position. Seek medical advice immediately. SYMPTOMS AND EFFECTS: nausea, vomiting, convulsions, irregular heartbeat
28	<b>BETADINE</b> <b>(Iodine 10% &amp;5 %)</b>	Flammable	Disinfectant for rapid hand & skin antiseptis.	Hazardous in case of eye contact (irritant), of ingestion, of inhalation	Normal handling should not constitute a hazard. However if uncontrolled exposure occur it is harmful by inhalation, skin contact or ingestion. May cause eye irritation and mild skin irritation. Target organs: respiratory system, gastrointestinal tract, skin, eyes, kidneys, thyroid.
29	<b>BETADINE</b> <b>SCRUB (Iodine 7.5 % )</b>	Flammable	Used for part preparation	Normal handling should not constitute a hazard. However if uncontrolled exposure occur it is harmful by inhalation, skin contact or ingestion. May cause eye irritation and mild skin irritation. Target organs: respiratory	



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				system, gastrointestinal tract, skin, eyes, kidneys, thyroid.	
30	<b>CARBON DIOXIDE CYLINDER</b>	Non Flammable	Used in case of surgery	Moderately irritating to eyes, skin and respiratory system. Target organs: lungs, cardiovascular system, skin, eyes, central nervous system.	Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately



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31	NITROUS OXIDE	Non Flammable	For Operation Theatre	Inhalation in high concentration may cause asphyxiation. Low concentrations may cause narcosis.	<p>Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.</p> <p>Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison centre or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The</p>





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					exposed person may need to be kept under medical surveillance for 48 hours.
32	<b>ISOPROPYL ALCOHOL</b>	Flammable	For cleaning purpose	Flammable. Harmful if swallowed or inhaled. Causes irritation to skin, eyes and mucous membranes. Affects central nervous system.	Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Ingestion DO NOT INDUCE VOMITING unless advised to do so by a doctor. Seek medical attention if irritation or symptoms persist.
33	<b>Benzoin Tincture</b>	Flammable	-	Highly flammable liquid and vapour. May cause skin irritation. May cause eye irritation. May cause an allergic skin reaction.	Inhalation Over exposure to vapours may cause irritation to the nose, throat, and respiratory tract. Headache and drowsiness may occur. Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give



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					oxygen. Get medical attention immediately. Ingestion Vomiting, Nausea, diarrhoea, drowsiness, narcosis Considered to be toxic (Ethyl Alcohol). Do NOT induce vomiting unless directed to so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing. Call Poison Control Centre. Get medical attention or advice immediately. Skin May cause dermal irritation If irritation occurs, wash with disinfectant soap and water. Wash clothing before reuse. If irritation persists, get medical attention. Eyes Irritation Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Consult a physician.
34	Bactoline	Non Flammable	Hand wash	-	After skin contact: The product is not skin irritating. After eye contact: Rinse cautiously with water for ten minutes. After swallowing: Do NOT induce vomiting. Rinse mouth with water.



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35	Nitrogen Liquid	Non Flammable	To freeze and preserve Sperm and other biological sample	Extremely cold material. Liquid can cause burns similar to frostbite	Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.





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					Ingestion: Do not induce vomiting. Seek medical attention immediately. Inhalation: If inhaled, remove to fresh air.
39	X-RAY FIXER	Non – flammable	Photographic fixer	Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction.	Skin contact: Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice. Eye contact: Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist. Ingestion: Do not induce vomiting. Seek medical attention immediately. Inhalation: If inhaled, remove to fresh air.
40	Helium	Non – flammable	MRI	Contact with rapidly expanding gas may cause burns or frostbite	Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not



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					breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband
41	<b>BETADINE</b> (Providone Iodine 10% & 5 %)	Flammable	Disinfectant for rapid hand & skin antisepsis.	Hazardous in case of eye contact (irritant), of ingestion, of inhalation	Normal handling should not constitute a hazard. However if uncontrolled exposure occur it is harmful by inhalation, skin contact or ingestion. May cause eye irritation and mild skin irritation. Target organs: respiratory system, gastrointestinal tract, skin, eyes, kidneys, thyroid.



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42	Mercury	-	For diagnostic equipment's, Refrigerator Calibration Thermometer	Mercury can be irritated to contaminated skin and eyes. Long term exposure to mercury vapours causes severe health hazard by inhalation. Allergic reactions may also occur in sensitive individuals.	Eye: Exposure to mercury or mercury compounds can cause discoloration on the front surface of the lens, which does not interfere with vision. Causes eye irritation and possible burns. Contact with mercury or mercury compounds can cause ulceration of the conjunctiva and cornea. Skin: May be absorbed through the skin in harmful amounts. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Causes skin irritation and possible burns. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale colour. Ingestion: May cause severe and permanent damage to the digestive tract. May cause perforation of the digestive tract. May cause effects similar to those for inhalation exposure. May cause systemic effects. Inhalation: Causes chemical burns to the respiratory tract. Inhalation of fumes may cause metal fume fever, which is characterized by flu-like symptoms with metallic taste, fever, chills, cough, weakness,





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					chest pain, muscle pain and increased white blood cell count. May cause central nervous system effects including vertigo, anxiety, depression, muscle incoordination, and emotional instability. Aspiration may lead to pulmonary enema. May cause systemic effects. May cause respiratory sensitization. May cause liver and kidney damage. May cause reproductive and fatal effects. Effects may be delayed. Chronic: exposure to mercury may cause permanent central nervous system damage, fatigue, weight loss, tremors, and personality changes. Chronic ingestion may cause accumulation of mercury in body tissues. Prolonged or repeated exposure may cause inflammation of the mouth and gums, excessive salivation, and loosening of the teeth.
43	Potassium permanganate	Non flammable	For disinfection (in special)	Can cause irritation of skin, eyes, nasal and respiratory passages. Ingestion can cause irritation of GI tract, nausea, vomiting and diarrhoea. Prolonged skin	General information Get medical advice/attention if you feel unwell. · After inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.



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			cases) i.e. Piles	contact may cause dermatitis. Manganese poisoning by ingestion and inhalation can result in harmful effect on central nervous system. Early symptoms include sluggishness, sleepiness & weakness in legs. Advanced cases have shown symptom of fixed facial expression, emotional disturbances and falling. Ingestion may result in kidney damage.	<ul style="list-style-type: none"> <li>- After skin contact The product is not skin irritating.</li> <li>- After eye contact Rinse cautiously with water for several minutes.</li> <li>- After swallowing Rinse mouth.</li> </ul> Do NOT induce vomiting
44	Hand Wash	Non flammable	Disinfectant	-	Skin Remove contaminated clothing. Flush affected area with plenty of water. If irritation or discomfort persists, seek medical attention. Wash clothing before reuse. Inhaled Not considered a probable path of exposure. If breathing is affected remove victim to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.





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44	Room Freshener	flammable	Air Freshener	-skin may cause redness, itching, irritation and eczema/chapping	Inhalation Move the exposed person to fresh air at once. Remove victim immediately from source of exposure. Get medical attention. Ingestion Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. DO NOT induce vomiting. Get medical attention immediately. Skin contact Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if irritation persists after washing. Eye contact Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
45	Sanitizer	flammable	Hand Sanitizer	Eye irritation. Health injuries are not known or expected under normal use	In case of eye or skin contact If swallowed If inhaled Protection of first-aiders Notes to physician: Rinse with water. : Rinse mouth. Get medical attention if symptoms occur. : Get medical attention if symptoms occur. : No special





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					precautions are necessary for first aid responders. : Treat symptomatically.
46	<b>Taski R2</b> PLUS HYGIENIC HARD SURFACE CLEANER	Non Flammable	Surface cleaning	Danger, Corrosive, Cause Irreversible Eye Damage and Skin Burns.  Harmful or fatal if swallowed.	<b>Eye Contact:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eyes. Get medical attention immediately. <b>Skin contact:</b> Take off contaminated clothing. Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately. <b>Inhalation:</b> If breathing is affected, remove to fresh air. If person is not breathing give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately. <b>Ingestion:</b> Call doctor immediately. Have person sip a glass of water if able to swallow. Do not induce



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					vomiting unless told to do so by a doctor. Never give anything by mouth to an unconscious person.
47	Taski R1	Flammable	Disinfectant	Irritant	<p>Eyes: Rinse immediately with copious amounts of water. Obtain immediate medical attention if symptoms develop.</p> <p>Skin: Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.</p> <p>Ingestion: Rinse mouth and then drink one or two glasses of water (or milk) Obtain medical attention.</p>
48	Taski R3	Flammable	Glass Cleaner	Unlikely to be irritant in normal use.	Eyes: Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.



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					Inhalation: Remove from source of exposure. Skin: Wash thoroughly. Ingestion: Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.
49	Taski R6	Non flammable	Bowl cleaner	Irritant, Irritating to eyes and skin	<b>Eyes:</b> In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. <b>Inhalation:</b> In case of unconsciousness bring the person into stable side position for transport. <b>Skin:</b> Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop. <b>Ingestion:</b> Rinse mouth and then drink one or two glasses of water (or milk) obtain medical attention.





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50	Taski R4	flammable	Furniture polish	Irritant, Irritating to eyes and skin	Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention. Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention. Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
51	Taski R7	Non flammable	Floor Cleaner	Irritant, Irritating to eyes and skin	Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention. Eye contact: Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical



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					attention. Ingestion: Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.
52	Taski D7	NON flammable	Steel Polish	Irritant, Irritating to eyes and skin	Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention. Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention
53	Diethyl Ether	Flammable	Liquid-liquid extraction	May cause irreversible eye injury, cause severe digestive tract burns with abdominal pain, vomiting	General advice Show this material safety data sheet to the doctor in attendance. If inhaled After inhalation: fresh air. Call in physician. In case of skin contact In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.



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SR	Materials	Flammability status	Purpose	Potential Hazard	First Aid
					In case of eye contact After eye contact: rinse out with plenty of water. Remove contact lenses. If swallowed After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.
54	Ammonia Solution 25%	non flammable	Ketones in urine	<p>Eye: Causes eye irritation. May cause chemical conjunctivitis.</p> <p>Skin: May cause skin irritation.</p> <p>Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. May cause gastric disturbances and electrolytic imbalance.</p> <p>Inhalation: May cause respiratory tract irritation.</p>	<p>Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.</p> <p>Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing And shoes. Wash clothing before reuse.</p> <p>Ingestion: If victim is conscious and alert, give 2-4 cupful's of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.</p> <p>Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If</p>





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				Chronic: Laboratory experiments have resulted in mutagenic effects.	Breathing is difficult, give oxygen. Get medical aid.
55	Potassium Hydroxide	non flammable	To observe fungal elements in clinical samples	Harmful if swallowed Causes severe skin burns and eye damage May cause respiratory irritation	Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required. Keep eye wide open while rinsing. Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated Potassium Hydroxide. Call a physician immediately. Inhalation Remove to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device Ingestion Immediate medical attention is required. Do NOT induce vomiting. Drink plenty



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					of water. Never give anything by mouth to an unconscious person.
56	Sodium Nitroprusside	non flammable	Ketones in urine	Can cause irritation of skin, eyes, nasal and respiratory passages.	<p>If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.</p> <p>In case of skin contact Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.</p> <p>In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician</p>
57	Sulphur powder	non flammable	Bile salt in urine	Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation (lung irritant)	<p>Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.</p> <p>Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated</p>





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					skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Serious Inhalation
58	Barium Chloride Powder	non flammable	Bile pigments in urine	Eye: May cause redness, tearing, irritation, and burning, blurred vision. Skin: May cause swelling and irritation. Ingestion: Harmful if swallowed. Larger doses cause cardiac and respiratory failure, kidney and GI tract haemorrhage. Paralysis, hypokalaemia, heart disorder may occur. Inhalation:	Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once. Skin: Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.





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				Toxic effects of mist inhalation including muscle tightness, salivation, vomiting, diarrhoea, abdominal pain, convulsions, tremors, anxiety, dyspnoea, slow pulse, irregular heartbeat. Chronic: Exposure may result in mucous membrane irritation, dermatitis, conjunctivitis. May cause bronchitis.	Ingestion: Get medical aid at once. Give oxygen if respiration is depressed. Induce vomiting (touch finger to back of throat) keeping head lower than hips (prevent aspiration into lungs). Give conscious non-convulsive victim two tablespoons of Epsom salts (magnesium sulphate) in a glass of warm water, then 2-4 glasses of water. Inhalation: Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air