



SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY


PRODUCT NAME: ALPHA HANDRUB GEL – 1 Gallon
PRODUCT CODE: ACL0008
PRODUCT APPLICATION: Hand Cleaning & sanitizing
COMPANY'S NAME: Alpha Cleantech Labs Inc.
TELEPHONE NUMBER: (604) 446-3445
COMPANY ADDRESS: 111- 20351 Duncan Way, Langley, BC, V3A 7N3, CANADA

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification	
Flam. Liq. 3	H226
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Repr. 2	H361
STOT SE 3	H336
STOT SE 1	H370

2.2. Label elements

GHS-US labelling Hazard pictograms (GHS-US)	
Signal word (GHS-US)	Danger
Hazard statements (GHS-US)	H226 - Flammable liquid and vapour H315 - Causes skin irritation H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness H361 - Suspected of damaging fertility or the unborn child H370 - Causes damage to organs (central nervous system, optic nerve) (oral, Dermal)
Precautionary statements (GHS-US):	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical, lighting, ventilating equipment P242 - Use only non-sparking tools

	<p>P243 - Take precautionary measures against static discharge</p> <p>P260 - Do not breathe mist, spray, vapours</p> <p>P264 - Wash exposed skin thoroughly after handling</p> <p>P270 - Do not eat, drink or smoke when using this product</p> <p>P271 - Use only outdoors or in a well-ventilated area</p> <p>P280 - Wear eye protection, face protection, protective clothing, protective gloves</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing</p> <p>P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</p> <p>P308+P313 - IF exposed or concerned: Get medical advice/attention</p> <p>P312 - Call a POISON CENTER/doctor/physician if you feel unwell</p> <p>P363 - Wash contaminated clothing before reuse</p> <p>P332+P313 - If skin irritation occurs: Get medical advice/attention</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention</p> <p>P370+P378 - In case of fire: Use carbon dioxide (CO₂), powder, alcohol-resistant foam for extinction</p> <p>P403+P233 - Store in a well-ventilated place. Keep container tightly closed</p> <p>P235 - Keep cool P405 - Store locked up P501 - Dispose of contents/container to comply with local, state and federal regulations</p>
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2.3. Other hazards

Other hazards not contributing to the classification: None.

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	WEIGHT %	Other info
Ethyl alcohol	64-17-5	70.00 – 80.00 %	-
Distilled Water	7732-18-5	20 – 25 %	-
Glycerol	56-81-5	1.0 – 2.5 %	-
Hydrogen peroxide	7722-84-1	0.5 – 1.0 %	-
Carbomer	9007-20-9	0.5 – 1.5 %	-

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general: Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink.

First-aid measures after inhalation: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact: Rinse with water. Take victim to a doctor if irritation persists.

First-aid measures after eye contact: Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

First-aid measures after ingestion: Rinse mouth with water. Do not induce vomiting. Call Poison Information Centre (www.big.be/antigif.htm). Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: EXPOSURE TO HIGH CONCENTRATIONS: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Respiratory difficulties. Central nervous system depression. Symptoms similar to those listed under ingestion.

Symptoms/injuries after skin contact: Slight irritation.

Symptoms/injuries after eye contact: Redness of the eye tissue. Lacrimation. ON CONTINUOUS EXPOSURE/CONTACT: Irritation of the eye tissue.

Symptoms/injuries after ingestion: AFTER ABSORPTION OF HIGH QUANTITIES: Risk of aspiration pneumonia. Red skin. Body temperature rise. Damp/clammy skin. Excited/restless. Accelerated heart action. Central nervous system depression. Dizziness. Narcosis. Headache. Drunkenness. Nausea. Vomiting. Disturbed motor response. Coordination disorders. Visual disturbances. Impaired concentration. Delusions. Disturbed sensation of pain. Disturbances of heart rate. Disturbances of consciousness. Tremor. Cramps/uncontrolled muscular contractions. Dilated pupils.

Chronic symptoms: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Dry skin. Gastrointestinal complaints. Enlargement/affection of the liver. Change in the blood composition. Cardiac and blood circulation effects. High arterial pressure. Impairment of the nervous system. Behavioural disturbances. Mental confusion. Disturbed tactile sensibility. Tremor. Affection of the bone marrow. Affection of the endocrine system. Weakening of the immune system.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media Suitable extinguishing media: Water spray. Alcohol-resistant foam. BC powder. Carbon dioxide.

Unsuitable extinguishing media: Solid water jet ineffective as extinguishing medium.

5.2. Special hazards arising from the substance or mixture Fire hazard: DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks.

Gas/vapour spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".

Explosion hazard: DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. may be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".

Reactivity: Upon combustion: CO and CO₂ are formed. Reacts violently with many compounds e.g.: with (strong) oxidizers: (increased) risk of fire/explosion. Violent to explosive reaction with (some) acids.

5.3. Advice for firefighters

Firefighting instructions: Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat.

Protection during firefighting: Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures General measures: Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

6.1.1. For non-emergency personnel

Protective equipment: Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.

Emergency procedures: Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection. Avoid breathing mist, spray, Vapors. Emergency procedures: Ventilate area.

6.2. Environmental precautions: Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

For containment: Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation.

Measure the concentration of the explosive gas-air mixture. Dilute/disperse combustible gas/vapour with water curtain. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills. Methods for cleaning up: Take up liquid spill into a non combustible material e.g.: sand, earth, vermiculite or kieselguhr, powdered limestone. Scoop absorbed substance into closing containers. See "Material-handling" for suitable container materials. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation. Hygiene measures: Wash exposed skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment. Storage conditions: Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from: incompatible materials. Keep in fireproof place.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.

Heat and ignition sources: KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.

Prohibitions on mixed storage: KEEP SUBSTANCE AWAY FROM: oxidizing agents. (strong) acids. water/moisture.

Storage area: Keep out of direct sunlight. Store in a dry area. Ventilation at floor level. Fireproof storeroom.

Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing. Meet the legal requirements.

Special rules on packaging: SPECIAL REQUIREMENTS: closing. dry. clean. correctly labelled. meet the legal requirements. Secure fragile packaging in solid containers.

Packaging materials: SUITABLE MATERIAL: stainless steel. aluminium. iron. copper. nickel. synthetic material. glass.

7.3. Specific end use(s): No additional information available SECTION

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredient	OSHA PEL (TWA) (mg/m ³)	OSHA PEL (TWA) (ppm)
Ethyl alcohol	1900	1000
Glycerol	10	-
Hydrogen peroxide	1.4	1.0

8.2. Exposure controls Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.

Personal protective equipment: Avoid all unnecessary exposure.

Materials for protective clothing: GIVES EXCELLENT RESISTANCE: butyl rubber. viton. GIVES GOOD RESISTANCE: neoprene. tetrafluoroethylene. GIVE LESS RESISTANCE: nitrile rubber. polyethylene. GIVE POOR RESISTANCE: natural rubber. PVA. PVC.

Hand protection: Gloves.

Eye protection: Safety glasses.

Skin and body protection: Protective clothing.

Respiratory protection: Wear gas mask with filter type A if conc. in air > exposure limit.
Other information: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Liquid
Molecular mass:	46.07 g/mol
Colour:	Colourless
Odour:	Alcohol odour
Odour threshold:	100 ppm 188 mg/m ³
pH:	No data available
Relative evaporation rate (butyl acetate = 1):	2.4
Relative evaporation rate (ether = 1):	8.3
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Self ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapour pressure:	No data available
Relative vapour density at 20 °C:	1.6
Relative density:	No data available
Relative density of saturated gas/air mixture:	1.04
Density:	0.89 g/l
Solubility:	Soluble in water. Soluble in ether. Soluble in acetone. Soluble in chloroform. Soluble in oils/fats. Soluble in methanol. Soluble in acids.
Log Pow:	-0.31 (Experimental value)
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	3.3 - 19.0 vol % 67 - 290 g/m ³
9.2. Other information Other properties:	Gas/vapour heavier than air at 20°C. Clear. Hygroscopic. Volatile. Substance has neutral reaction.

10. STABILITY AND REACTIVITY

- 10.1. Reactivity Upon combustion: CO and CO₂ are formed. Reacts violently with many compounds e.g.: with (strong) oxidizers: (increased) risk of fire/explosion. Violent to explosive reaction with (some) acids.
- 10.2. Chemical stability: Hygroscopic.
- 10.3. Possibility of hazardous reactions: Not established.
- 10.4. Conditions to avoid: Direct sunlight. Extremely high or low temperatures. Open flame.
- 10.5. Incompatible materials: Strong acids. Strong bases.
- 10.6. Hazardous decomposition products: fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified
LD50 oral rat 10740 mg/kg (Rat; Experimental value, Rat; Experimental value)

LD50 dermal rabbit > 16000 mg/kg (Rabbit)
Skin corrosion / irritation : Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified Based on available data, the classification criteria are not met
Carcinogenicity: Not classified
Reproductive toxicity: Suspected of damaging fertility or the unborn child. Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure): May cause drowsiness or dizziness. Causes damage to organs (central nervous system, optic nerve) (oral, Dermal).
Specific target organ toxicity (repeated exposure): Not classified Based on available data, the classification criteria are not met
Aspiration hazard: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms: Harmful if swallowed. Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation: EXPOSURE TO HIGH CONCENTRATIONS: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Respiratory difficulties. Central nervous system depression. Symptoms similar to those listed under ingestion.
Symptoms/injuries after skin contact: Slight irritation.
Symptoms/injuries after eye contact: Redness of the eye tissue. Lacrimation. ON CONTINUOUS EXPOSURE/CONTACT: Irritation of the eye tissue.
Symptoms/injuries after ingestion: AFTER ABSORPTION OF HIGH QUANTITIES: Risk of aspiration pneumonia. Red skin. Body temperature rise. Damp/clammy skin. Excited/restless. Accelerated heart action. Central nervous system depression. Dizziness. Narcosis. Headache. Drunkenness. Nausea. Vomiting. Disturbed motor response. Coordination disorders. Visual disturbances. Impaired concentration. Delusions. Disturbed sensation of pain. Disturbances of heart rate. Disturbances of consciousness. Tremor. Cramps/uncontrolled muscular contractions. Dilated pupils.
Chronic symptoms: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Dry skin. Gastrointestinal complaints. Enlargement/affection of the liver. Change in the blood composition. Cardiac and blood circulation effects. High arterial pressure. Impairment of the nervous system. Behavioural disturbances. Mental confusion. Disturbed tactile sensibility. Tremor. Affection of the bone marrow. Affection of the endocrine system. Weakening of the immune system.

SECTION: 12: ECOLOGICAL INFORMATION

12.1. Toxicity information

Ecology - general: Classification concerning the environment: not applicable.

Ecology - air: TA-Luft Klasse 5.2.5.

Ecology - water: Not harmful to fishes (LC50(96h) >1000 mg/l). Not harmful to invertebrates (Daphnia). Slightly harmful to algae (EC50 (72h): 100 - 1000 mg/l). Not harmful to bacteria (EC50 >1000 mg/l). Inhibition of activated sludge.

LC50 fishes 1: 14200 mg/l (96 h; Pimephales promelas; Nominal concentration)

EC50 Daphnia 1: 9300 mg/l (48 h; Daphnia magna) LC50 fish 2 13000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)

EC50 Daphnia 2: 10800 mg/l (24 h; Daphnia magna)

Threshold limit other aquatic organisms 1: 65 mg/l (72 h; Protozoa)

Threshold limit algae 1: 1450 mg/l (192 h; Microcystis aeruginosa; Growth rate)

Threshold limit algae 2: 5000 mg/l (168 h; Scenedesmus quadricauda; Growth rate)

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable in water. Biodegradable in the soil. No (test) data on mobility of the substance available.

Biochemical oxygen demand (BOD): 0.8 - 0.967 g O₂/g substance

Chemical oxygen demand (COD): 1.70 g O₂/g substance

ThOD: 2.10 g O₂/g substance

BOD (% of ThOD): 0.43 % ThOD

12.3. Bioaccumulative potential

Ethyl Alcohol, 75% v/v

Log Pow: -0.31 (Experimental value)

Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Surface tension: 0.022 N/m (20 °C)

12.5. Other adverse effects

Other information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste disposal recommendations: Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste.

Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation.

Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into surface water. May be discharged to wastewater treatment installation.

Additional information: LWCA (the Netherlands): KGA category 03. Hazardous waste according to Directive 2008/98/EC.

Ecology - waste materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In accordance with DOT

Transport document description:	UN1987 Alcohols, n.o.s. (ethanol, methanol), 3, III
UN-No. (DOT):	1987
DOT NA no.:	UN1987
DOT Proper Shipping Name:	Alcohols, n.o.s. ethanol, methanol
Department of Transportation (DOT) Hazard Classes:	Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT):	3 - Flammable liquid

Packing group (DOT): III - Minor Danger

DOT Special Provisions (49 CFR 172.102): 172 - This entry includes alcohol mixtures containing up to 5% petroleum products. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 - 2.65 178.274(d)(2) Normal 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this sub-chapter, where the test pressure is 1.5 times the MAWP.

DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Additional information

Other information: No supplementary information available.

State during transport (ADR-RID): as liquid.

ADR

Transport document description: UN 1170 ethanol (ethyl alcohol), 3, II, (D/E)

Packing group (ADR): II

Class (ADR): 3 - Flammable liquids

Hazard identification number (Kemler No.): 33

Classification code (ADR): F1

Tunnel restriction code: D/E

Transport by sea

UN-No. (IMDG): 1170

Class (IMDG) : 3 - Flammable liquids

EmS-No. (1) : F-E

EmS-No. (2) : S-D

Air transport

UN-No.(IATA) : 1170

Class (IATA) : 3 - Flammable Liquids

Packing group (IATA) : II - Medium Danger

SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

SARA Section 311/312 Hazard Classes: Fire hazard

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations - CANADA

WHMIS Classification: Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

Listed on the Canadian DSL (Domestic Substance List) inventory

15.2.1. EU-Regulations No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

F; R11 Full text of R-phrases: see section 16

15.2.2. National regulations

Ethanol (64-17-5) Listed on IARC (International Agency for Research on Cancer)

SECTION 16: OTHER INFORMATION

Indication of changes: Revision - See: *. Other information: None.

Full text of H-phrases: see section 16:

Acute Tox. 3 (Dermal): Acute toxicity (dermal), Category 3

Acute Tox. 3 (Inhalation) Acute toxicity (inhal.), Category 3

Acute Tox. 3 (Oral) Acute toxicity (oral), Category 3

Carc. 1A Carcinogenicity, Category 1A

Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A

Flam. Liq. 2 Flammable liquids, Category 2

Flam. Liq. 3 Flammable liquids, Category 3

Repr. 2 Reproductive toxicity, Category 2

Skin Irrit. 2 Skin corrosion/irritation, Category 2

STOT SE 1 Specific target organ toxicity — single exposure, Category 1

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis

H225 Highly flammable liquid and vapour

H226 Flammable liquid and vapour

H301 Toxic if swallowed

H311 Toxic in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H331 Toxic if inhaled

H336 May cause drowsiness or dizziness

H350 May cause cancer

H361 Suspected of damaging fertility or the unborn child

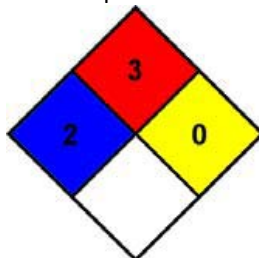
H370 Causes damage to organs

NFPA Classification:

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability: 3 Serious Hazard

Physical: 1 Slight Hazard

Personal Protection: D

Prepared by: Alpha Cleantech Labs Inc.

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Disclaimer

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