



Safety Data Sheet

SECTION 1. IDENTIFICATION

Product Identifier	The Durham Distillery Hand Sanitizer – 80% Ethanol
Recommended Use	Hand Sanitizer
Manufacturer Address	# 9 – 40 Pippin Road, Vaughan, On, L4K 4M6
General Info Contact	Phone – 1 647 453 8815 Email – us@durhamdistillery.ca
Product Dilution	Product is sold ready to use or be repackaged
In Case of Spill	CANUTEC – 613-759-6384
Emergency contact:	

SECTION 2. HAZARD IDENTIFICATION

This material is an Over- The – Counter consumer product that is safe for consumers & workplaces with the intended reasonable and expected manner. **NOTE:** Warnings below are for exposure to large quantities of the product. Normal usage should not create a hazardous condition.



**Flammable Liquids
Category 3**

Emergency Overview

FLAMMABLE LIQUID
AND VAPOR
Irritating to eyes



Eye Irritation Category 2A

Appearance: Aqueous Solution

Physical State: Viscous Liquid

Odor: Alcohol

Signal Word: Warning

Hazard Statements: Flammable liquid and vapor.
Causes serious eye irritation.

Precautionary Statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/ container in an approved waste disposal method.

Other hazards: None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration of Recipe
Ethanol 96%	64-17-5	80.0% (v/v)
Hydrogen Peroxide 3%	7722-84-1	0.125% (v/v)
Glycerol 96%	56-81-5	1.45% (v/v)

SECTION 4. FIRST-AID MEASURES

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: In the case of skin irritation or allergic reactions see a physician.

Inhalation: Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.

Ingestion: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

Notes to Physician Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	High volume water jet
Specific hazards during fire fighting:	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products:	Carbon oxides

Special protective equipment for fire-fighters:	Use personal protective equipment.
Specific extinguishing methods:	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up:	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.
Conditions for safe storage:	Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Storage temperature:	0 °C to 35 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: There is no exposure data for the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA (ppm)	STEL (ppm)	TWA (ppm)	STEL
Ethanol 80%		1,000	1,000	
Hydrogen Peroxide 3%	1		1	
Glycerin		10 mg/m ³ mist	15 mg/m ³ mist	

Notes: **STEL** Short term exposure limit related to a 15 minute period
TWA Time-weighted average reference of 8 hour time weighted

Additional Engineering Controls:

Engineering Measures:		Showers Eyewash stations Ventilation systems
Personal Protective Equipment		
Eye/Face Protection:	Tightly fitting safety goggles.	
Skin and Body Protection:	Protective gloves.	
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Provide regular cleaning of equipment, work area and clothing.	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Clear - opaque

Odor: Alcohol

pH: 6.3 - 8.5, 100 %

Flash point: 23 °C closed cup

Odor Threshold: no data available

Melting point/freezing point: no data available

Initial boiling point and boiling range: no data available

Evaporation rate: no data available

Flammability (solid, gas): no data available

Upper explosion limit: no data available

Lower explosion limit: no data available

Vapor pressure: no data available

Relative vapor density: no data available

Relative density: no data available

Water solubility: no data available
Solubility in other solvents: no data available
Partition coefficient: n- octanol/water: no data available
Autoignition temperature: no data available
Thermal decomposition: no data available
Viscosity, kinematic: no data available
Explosive properties: no data available
Oxidizing properties: no data available
Molecular weight: no data available
VOC: no data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known.
Hazardous decomposition products	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: When this product is used in a reasonable and expected manner, no significant adverse reactions should be expected. Some of the following data pertains to individual ingredients found in the final product.

Likely routes of exposure are: Inhalation, Eye contact, Skin contact

Potential Health Effects	
Eyes:	Causes serious eye irritation.
Skin:	Health injuries are not known or expected under normal use.
Ingestion:	Health injuries are not known or expected under normal use.
Inhalation:	Health injuries are not known or expected under normal use.
Chronic Exposure:	Health injuries are not known or expected under normal use.
Experience with Human Exposure	
Eye contact:	Redness, Pain, Irritation
Skin contact:	No symptoms known or expected. Dry skin may occur.
Ingestion:	No symptoms known or expected.
Inhalation:	No symptoms known or expected.
Toxicity	
Acute oral toxicity:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available

Carcinogenicity	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects:	No data available
Germ cell mutagenicity:	No data available
Teratogenicity:	No data available
STOT-single exposure:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT-repeated exposure:	No data available
Aspiration toxicity:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Environmental Effects:	Harmful to aquatic life.
Toxicity to fish: (ethanol)	96 h LC50 Fish: 11,000 mg/l
Toxicity to daphnia and other aquatic invertebrates:	No data available
Toxicity to algae:	No data available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	
Waste from residues:	Dispose of in accordance with local regulations.
Contaminated packaging:	Dispose of as an unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT) Consumer Commodity, ORM-D

UN number: 1170

Description of the goods: Ethanol solutions

Class: 3

Packing group: III

Environmentally hazardous: no

Sea transport (IMDG/IMO)

UN number: 1170

Description of the goods: Ethanol solution

Class: 3

Packing group: III

Marine pollutant: no

Emergency response guide number: 127

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity - This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity - This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:	Fire Hazard : Acute Health hazard
SARA 302:	No chemicals in this material are subject to reporting requirements of title III, Section 302
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop 65 - This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

1907/2006 (EU): Not determined

Switzerland. New notified substances and declared preparations: Not determined

United States TSCA Inventory: On TSCA Inventory

Canadian Domestic Substances List (DSL): This product contains one or several components that are not on the Canadian DSL nor NDSL.

Australia Inventory of Chemical Substances (AICS): Not determined

New Zealand. Inventory of Chemical Substances: Not determined

Japan. ENCS - Existing and New Chemical Substances Inventory: Not determined

Japan. ISHL - Inventory of Chemical Substances (METI): Not determined

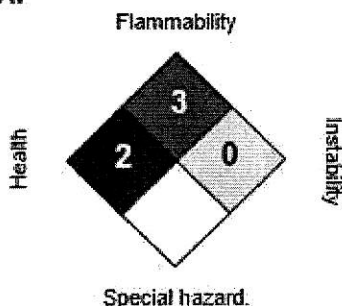
Korea. Korean Existing Chemicals Inventory (KECI): Not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Not determined

China. Inventory of Existing Chemical Substances in China (IECSC): Not determined

SECTION 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Date of Latest Revision 01 / April / 2020

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product identifier used on the label: ServClean Gel Hand Sanitizer

Other means of Identification: 29328

Recommended use of the chemical and restrictions on use: Hand Sanitizing, Personal domestic.

Manufacturer/Supplier:

Charlotte Products Ltd.

Address:

2060 Fisher Dr.

Peterborough, On K9J 6X6

Telephone: 705-740-2880

Fax: 705-745-1239

24 Hr. Emergency Tel. #: Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International)

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the chemical:

Flammable Liquids 3

Eye Damage/Irritation 2A

Label elements:

Signal Word: Danger

Hazard statement(s)

H225	Highly Flammable liquid and vapour
H319	Causes serious eye irritation
H350	May cause cancer (Ingestion) Suspected of damaging the unborn child
H361	(Ingestion)
H370	Causes damage to organs

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathing mist/vapours/spray
P264	Wash exposed areas thoroughly after handling
P270	Do not eat, drink or smoke when using this product

P280	Wear protective gloves/protective clothing/eye protection/face protection
P312	Call a poison center or doctor/physician if you feel unwell
P321	Specific treatment (see section 4 of SDS)
P332+313	If skin irritation occurs: Get medical advice/attention
P337+313	If eye irritation persists, get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P370+378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction
P403+235	Store in a well-ventilated place. Keep cool
P405	Store locked up
P501	Dispose of contents/container in accordance with local regulation

Hazard pictogram(s)



Other hazards not otherwise classified: None Known

Unknown Acute Toxicity: 0%

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name, Common Name & Synonyms:	CAS #	Concentration %
Ethanol	64-17-5	65-85
Hydrogen Peroxide 3%	7722-84-1	4-5
Glycerine 95%	56-81-5	1.3-2

**** If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.**

SECTION 4 - FIRST-AID MEASURES

Description of first aid measures:

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a poison center or doctor/physician.

Notes to Physician: Severe poisoning occurs when the blood ethanol level is 0.3-0.5%. Above 0.5% the individual will be comatose, and death can occur. The unabsorbed ethanol should be removed by gastric lavage after intubating the patient to prevent aspiration. Avoid the use of depressant drugs or the excessive administration of fluids. This product contains two ingredients of relatively low toxicity: Hydrogen Peroxide and Glycerine.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Not determined

Special hazards arising from the substance or mixture: None known

Flammability classification: Flammable

Hazardous combustion products: Carbon oxides, oxides of phosphorus other unidentified organic compounds.

Special protective equipment and precautions for firefighters:

Protective equipment for fire-fighters: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures: Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Methods and material for containment and cleaning up: Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Special spill response procedures: In case of a transportation accident, contact Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International). If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Use protective equipment recommended in section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage: Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of reach of children.

Incompatible materials: Fluorine, strong oxidizing or reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide. Do not mix with other chemicals or cleaners.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:					
Chemical Name		ACGIH		OSHA	
		TWA	STEL	PEL	STEL
Ethanol	64-17-5	1000 ppm		1000 ppm	

Hydrogen Peroxide	7722-84-1	1.0 ppm			
Glycerine	56-81-5	10mg/m3			

Exposure controls:

Ventilation and engineering measures: Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection: If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.

Skin protection: Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

Eye face protection: Wear eye/face protection. Wear as appropriate tightly fitting safety goggles; Safety glasses with side-shields.

Other protective equipment: Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations: Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless liquid

Odor: Typical ethanol odour

Odor threshold: No applicable information available

pH: 7.0-8.5

Melting/Freezing point: No applicable information available

Initial boiling point and boiling range: No applicable information available

Flash point: No data available

Flashpoint (Method): Tag Closed Cup

Evaporation rate (BuAe = 1): Similar to water

Flammability (solid, gas): Flammable liquids 3

Lower flammable limit (% by vol.): 3.3

Upper flammable limit (% by vol.): 19.0

Vapor pressure: No applicable information available

Vapor density: No applicable information available

Relative density: No applicable information available

Solubility in water: Soluble

Other solubility(ies): No applicable information available

Partition coefficient: No applicable information available

Auto ignition temperature: No applicable information available

Decomposition temperature: No applicable information available

Viscosity: Slightly viscous.

Volatile organic Compounds (%VOC's): No applicable information available

Other physical/chemical comments: No applicable information available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical stability: Stable

Possibility of hazardous reactions: No hazardous polymerization

Conditions to avoid: Keep out of reach of children. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials. Extremely high temperatures. Open flame.

Incompatible materials: Strong acids, Strong bases.

Hazardous decomposition products: None known. Refer to 'Hazardous Combustion Products' in Section 5

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: Avoid breathing vapors or mists

Routes of entry - eye: Avoid contact with eyes

Routes of entry - Ingestion: Do not taste or swallow

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Symptoms: Please see section 4 of this SDS sheet for symptoms.

Potential Chronic Health Effects:

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: A4 (Not classified for human or animal.) by ACGIH

Reproductive effects: No applicable information available

Sensitization to material: No applicable information available

Specific target organ effects: Classified Development toxin [PROVEN]. Classified Reproductive system/toxin/female, Reproductive system/toxin/male [POSSIBLE]. It causes damage to the following organs: blood, the reproductive system, liver, upper respiratory tract, skin, central nervous system (CNS).

Medical conditions aggravated by overexposure: Pre-existing skin or eye disorders.

Toxicological data:

See the following table for individual ingredient acute toxicity data.

Chemical name	CAS #	LD ₅₀	LD ₅₀	LC ₅₀
		(Oral, rat)	(Dermal. Rabbit)	(4hr, Inhal., rat)
Ethanol	64-17-5	7060 mg/kg	20000 mg/kg	31623 ppm
Hydrogen Peroxide	7722-84-1			
Glycerine	56-81-5			

*All empty cells no applicable information available

Other important toxicological hazards: None reported.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No applicable information available

Persistence and degradability: No applicable information available

Bioaccumulation potential: No applicable information available.

Mobility in soil: No applicable information available.

Other Adverse Environmental effects: No applicable information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

Methods of disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 - TRANSPORTATION INFORMATION

Special Shipping Information: Keep from freezing.

T.D.G. Classification: UN1987, FLAMMABLE LIQUIDS, N.O.S. (Ethanol Hand Sanitizer), Class 3 PG III

SECTION 15 - REGULATORY INFORMATION

TSCA information: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CSA: Canadian Standards Association

DOT: Department of Transportation

ECOTOX: U.S. EPA Ecotoxicology Database

EINECS: European Inventory of Existing Commercial chemical Substances

EPA: Environmental Protection Agency

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

IUCLID: International Uniform Chemical Information Database

LC: Lethal Concentration

LD: Lethal Dose

NIOSH: National Institute of Occupational Safety and Health

NTP: National Toxicology Program

OECD: Organization for Economic Co operation and Development

OSHA: Occupational Safety and Health Administration

PEL: Permissible exposure limit

RCRA: Resource Conservation and Recovery Act

RTECS: Registry of Toxic Effects of Chemical Substances

SARA: Superfund Amendments and Reauthorization Act

SDS: Safety Data Sheet Material Safety Data Sheet

STEL: Short Term Exposure Limit

TOG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values

TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Identification System

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DISCLAIMER

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

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