



BUILDING VISION AND VARIETY

Date: 3/1/2019

Product Code NHEP-1QT NHEP-1G  
NHEP-5G NHEP-55G

## SAFETY DATA SHEET

### 1. Identification

**Product Name:** n-Heptane

**Product Code:** NHEP-1QT NHEP-1G NHEP-5G NHEP-55G NHEP-250 HEPTANE-1QT HEPTANE-1G HEPTANE-5G H-61-55 H-61-250

**SDS Date:** 4/29/2015

**Use:** Synthetic/Analytical chemistry.

**Address:** BVV  
1251 Frontenac Rd. Ste 150  
Naperville IL 60563

**Phone:** (331) 281-0154

CHEMTEL: (800) 255-3924

### 2. Hazard(s) Identification

#### OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Classification of the substance or mixture

FLAMMABLE LIQUIDS - Category 1  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
AQUATIC HAZARD (ACUTE) - Category 1  
AQUATIC HAZARD (LONG-TERM) - Category 1

#### Pictogram



#### Signal Word

Danger

#### Hazard Statement

Extremely flammable liquid and vapor.  
May form explosive mixtures with air.  
Causes skin irritation.  
May cause drowsiness and dizziness.  
Very toxic to aquatic life.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary

**General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

<b>Prevention:</b>	Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing vapor. Wash hands thoroughly after handling.
<b>Response:</b>	Collect spillage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention.
<b>Storage</b>	Store locked up. Store in a well-ventilated place. Keep cool.
<b>Disposal</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations.
	None

Hazards Not Otherwise Classified:

None Know

### 3. Composition/Information On Ingredients

<b>Substance/mixture</b>	Substance
<b>Chemical name</b>	heptane
<b>Other means of identification</b>	n-heptane; Heptane (n-Heptane)
<b>CAS number/other identifiers</b>	
<b>CAS number:</b>	142-82-5
<b>Product code</b>	001108

Ingredient name	%	CAS number
Heptane	100	142-82-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### 4. First-aid Measures

#### Description of necessary first aid measures

<b>If Inhaled:</b>	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 center 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.
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**In Case of Skin Contact:**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**In Case of 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 Swallowed:**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention

**Most Important Symptoms and Effects, Both Acute and Delayed:**

Eye Contact	Causes serious eye irritation.
Inhalation	Can cause central nervous system (CNS) depression. May cause drowsiness and
Skin Contact	Causes skin irritation.
Frost Bite	Try to warm up the frozen tissues and seek medical attention.
Ingestion	Can cause central nervous system (CNS) depression. Irritating to mouth, throat and
<b>Over-exposure signs/symptoms</b>	
Eye Contact	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No specific data.

**Indications of Any Immediate Medical Attention and Special Treatment Needed:**

<b>Note physician</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	No specific treatment.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## 5. Fire-fighting Measures

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media**

Do not use water jet.

**Specific hazards arising from the chemical**

Extremely flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products**

Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**Special protective actions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental Release Measures

**For non-emergency personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:**

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

**Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

**Methods and materials for containment and cleaning up**

**Small Spill**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spill**

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and Storage

**Precautions for Safe Handling****Protective Measures:**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on General Occupational Hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions For safe Storage including any incompatibilities:**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure Controls/Personal Protection

**Occupational exposure limits**

Ingredient name	Exposure limits
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Heptane	<p><b>ACGIH TLV (United States, 3/2012).</b>          STEL: 2050 mg/m<sup>3</sup> 15 minutes.          STEL: 500 ppm 15 minutes.          TWA: 1640 mg/m<sup>3</sup> 8 hours.          TWA: 400 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 1/2013).</b>          CEIL: 1800 mg/m<sup>3</sup> 15 minutes.          CEIL: 440 ppm 15 minutes.          TWA: 350 mg/m<sup>3</sup> 10 hours.          TWA: 85 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 6/2010).</b>          TWA: 2000 mg/m<sup>3</sup> 8 hours.          TWA: 500 ppm 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b>          STEL: 2000 mg/m<sup>3</sup> 15 minutes.          STEL: 500 ppm 15 minutes.          TWA: 1600 mg/m<sup>3</sup> 8 hours.          TWA: 400 ppm 8 hours.</p>
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**Environmental exposure controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Eye/Face Protection:**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Skin/Hand Protection:**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Respiratory Protection:**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9. Physical and Chemical Properties

**Appearance:**

Liquid. [Watery liquid.]

Colorless.

<b>Odor:</b>	Characteristic.	
<b>Odor Threshold:</b>	Not available.	
<b>pH:</b>	Not available.	
<b>Melting/Freezing Point:</b>	-90.6°C (-131.1°F)	
<b>Initial Boiling Point/Range:</b>	98.5°C (209.3°F)	
<b>Flash Point:</b>	Closed cup: -3.89°C (25°F)	
<b>Evaporation Rate:</b>	3.18 (butyl acetate = 1)	
<b>Flammability:</b>	Not available.	
<b>Upper Explosion Limit:</b>	Upper: 6.7%	
<b>Lower Explosion Limit:</b>	Lower: 1.05%	
<b>Vapor Pressure:</b>	4.6 kPa (34.502803352 mm Hg) [room temperature]	
<b>Vapor Density:</b>	3.46 (Air = 1)	
<b>Relative Density:</b>	0.68	
<b>Water Solubility:</b>	Not available.	
<b>Partition Coefficient:</b>	4.66	
<b>Auto Ignition Temp:</b>	285°C (545°F)	
<b>Decomposition Temp:</b>	Not available.	
<b>Viscosity:</b>	Kinematic (room temperature): 0.00641 cm <sup>2</sup>	
<b>Molecular weight</b>	100.23 g/mole	
<b>Molecular formula</b>	C7-H16	
<b>Critical Temperature</b>	266.85°C (512.3°F)	
<b>Specific Volume (ft 3/lb)</b>	1.462	
<b>Gas Density (lb/ft 3)</b>	0.684	

## 10. Stability and Reactivity

<b>Reactivity:</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical Stability:</b>	The product is stable.
<b>Possibility of Hazardous Reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur
<b>Conditions to Avoid:</b>	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
<b>Incompatible Materials:</b>	Extremely reactive or incompatible with the following materials: oxidizing materials.
<b>Hazardous Decomposition Products:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological Information

### Acute Toxicity

Product Ingredient name	Result	Species	Doses	Exposure
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Heptane	LC50 Inhalation Gas.	Rat	48001 ppm	4 hours
	LC50 Inhalation Vapor	Rat	50242 ppm	1 hours
	LC50 Inhalation Vapor	Rat	103 g/m <sup>3</sup>	4 hours

**Skin Corrosion/Irritation:** Not Available

**Serious Eye Damage/Eye Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not available

**Germ Cell Mutagenicity:** Not available.

**Carcinogenicity:** Not available.

**Reproductive:** Not available.

**Teratogenicity:** Not available.

Name	Category	Route of Exposure	Target Organs
Heptane	Category 3	Not applicable.	Narcotic effects

**Specific target organ toxicity (repeated exposure)** Not Available

**Aspiration hazard** Not Available

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye Contact** Adverse symptoms may include the following:  
pain or irritation  
watering

**Inhalation** Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

**Skin Contact** Adverse symptoms may include the following:  
irritation  
redness

## 12. Ecological Information

**Toxicity**

Product	Ingredient name	Result	Species	Exposure
Heptane		Acute LC50 375000 µg/l Fresh water	Fish - Oreochromis mossambicus	96 Hours







**Persistence and degradability** Not available

## 13. Disposal Considerations



**Disposal Methods** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transportation Information

	DOT	TDG	Mexico	IMDG	IATA
<b>UN number</b>	UN1206	UN 1206	UN 1207	UN 1209	UN 1210
<b>UN Proper Shipping Name</b>	heptanes	heptanes	heptanes	heptanes	heptanes
<b>Transport Hazard class</b>	3 	3 	3 	3  	3 
<b>Packing group</b>	II	II	II	II	II
<b>Environment</b>	No	No	No	Yes	No
<b>Additional information</b>	-	<u>Explosive Limit and Limited Quantity Index 1</u> <u>Passenger Carrying Road or Rail Index 5</u>	-	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg	The environmentally hazardous substance mark may appear if required by other transportation regulations

"Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product."

**Special precautions for user:** Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## 15. Regulatory Information

**U.S. Federal regulations:**

**TSCA 8(a) PAIR:** heptane

**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

**TSCA 12(b) one-time export:** heptane

**United States inventory (TSCA 8b):** This material is listed or exempted.

<b>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</b>	Not listed
<b>Clean Air Act Section 602</b>	Not listed
<b>Clean Air Act Section 602 Class II Substances</b>	Not listed
<b>DEA List I Chemicals (Precursor Chemicals)</b>	Not listed
<b>DEA List II Chemicals</b>	Not listed
<b>DEA List II Chemicals (Essential Chemicals)</b>	Not listed
<b>SARA 304 RQ</b>	Not Applicable
<b>SARA 311/312</b>	Fire Hazard Immediate (acute) health hazard
<b>State Regulations</b>	
Massachusetts:	This material is listed.
New York:	This material is not listed.
New Jersey :	This material is listed.
Pennsylvania:	This material is listed.
Canada inventory:	This material is listed or exempted.
<b>International regulations</b>	
<b>International lists</b>	<p><b>Australia inventory (AICS):</b> This material is listed or exempted.</p> <p><b>China inventory (IECSC):</b> This material is listed or exempted.</p> <p><b>Japan inventory:</b> This material is listed or exempted.</p> <p><b>Korea inventory:</b> This material is listed or exempted.</p> <p><b>Malaysia Inventory (EHS Register):</b> Not determined.</p> <p><b>New Zealand Inventory of Chemicals (NZIoC):</b> This material is listed or exempted.</p> <p><b>Philippines inventory (PICCS):</b> This material is listed or exempted.</p> <p><b>Taiwan inventory (CSNN):</b> Not determined.</p>
<b>Chemical Weapons:</b>	Not listed
<b>Canada WHMIS</b>	<p>Class B-2: Flammable liquid</p> <p>Class D-2B: Material causing other toxic effects (Toxic).</p> <p><b>CEPA Toxic substances:</b> This material is not listed.</p> <p><b>Canadian ARET:</b> This material is not listed.</p> <p><b>Canadian NPRI:</b> This material is listed.</p> <p><b>Alberta Designated Substances:</b> This material is not listed.</p> <p><b>Ontario Designated Substances:</b> This material is not listed.</p> <p><b>Quebec Designated Substances:</b> This material is not listed.</p>

## 16. Other Information, Including Date of Preparation or Last Revision

<b>Canada Label requirements</b>	Class B-2: Flammable liquid Class D-2B: Material causing other toxic effects (Toxic).
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### Hazardous Material Information System (U.S.A.)

Health	2
Flammability	3
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**Key to abbreviations**

<b>ATE</b>	Acute Toxicity Estimate
<b>BCF</b>	Bioconcentration Factor
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>IATA</b>	International Air Transport Association
<b>IBC</b>	Intermediate Bulk Container
<b>IMDG</b>	International Maritime Dangerous Goods
<b>LogPow</b>	logarithm of the octanol/water partition coefficient
<b>MARPOL 73/78</b>	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
<b>UN</b>	United NationsACGIH – American Conference of Governmental Industrial Hygienists
<b>AIHA</b>	American Industrial Hygiene Association
<b>CAS</b>	Chemical Abstract Services
<b>CEPA</b>	Canadian Environmental Protection Act
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act
<b>CFR</b>	United States Code of Federal Regulations
<b>CPR</b>	Controlled Products Regulations

<b>DSL</b>	Domestic Substances List
<b>GWP</b>	Global Warming Potential
<b>IARC</b>	International Agency for Research on Cancer
<b>ICAO</b>	International Civil Aviation Organisation
<b>Inh</b>	Inhalation
<b>LC</b>	Lethal concentration
<b>LD</b>	Lethal dosage
<b>NDSL</b>	Non-Domestic Substances List
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>TDG</b>	Canadian Transportation of Dangerous Goods Act and Regulations
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>WEEL</b>	Workplace Environmental Exposure Level
<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System

**SDS Date:** 4/29/2015.

**Disclaimer:**

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