NLS Products
Box 790, 1 Lakewood Crescent
Bobcaygeon, ON, Canada, K0M 1A0
Telephone: (705) 738-2321

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **GLOOZIT®**

Product Code(s) : 8312 - Automotive; 8412 - Industrial; 8512 - Marine; 8612 - Plumber; 8712 - Home & Craft; 8812 - Shoe Gloo

Recommended use of the chemical and restrictions on use

: Adhesives and/or sealants; UV Resistant.
No restrictions on use known.

Chemical family : Mixture of: Petroleum distillates; Esters; Phenol

Name, address, and telephone number of the supplier:

NLS Products

Box 790, 1 Lakewood Crescent
Bobcaygeon, ON, Canada
K0M 1A0

Supplier's Telephone # : (705) 738-2321

24 Hr. Emergency Tel # : No information available.

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear colourless liquid. Petroleum odour.

Most important hazards:
Highly flammable liquid and vapour. This material may be ignited by heat, sparks and direct flame. Vapours are heavier than air and may spread along floors. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

This product is packaged and sold as a consumer product. The below WHMIS 2015 classification and labeling information is being provided for informational purposes.

This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).
Hazardous classification:
- Flammable liquid - Category 2
- Eye damage/irritation - Category 2A
- Skin sensitization - Category 1
- Specific target organ toxicity, single exposure - Category 3

Label elements

Hazard pictogram(s)

Signal Word
DANGER!

Hazard statement(s)
- Highly flammable liquid and vapour.
- Causes serious eye irritation.
- May cause an allergic skin reaction.
- May cause drowsiness or dizziness.

Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical and ventilating equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing fumes, mists or vapors.
Wash exposed skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves and eye/face protection.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
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: Get medical advice/attention.

In case of fire: Use carbon dioxide, dry chemical or foam to extinguish.

Store in a well-ventilated place.
Keep container tightly closed.
Keep cool.
Store locked up.

Dispose of contents/container in accordance with local regulation.

Other hazards

Other hazards which do not result in classification:
Toxic fumes may be released during a fire. May slowly hydrolyze in the presence of water to: n-propanol; acetic acid. May be mildly irritating to skin and respiratory system. May cause gastrointestinal irritation. Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.

Environmental precautions:
Toxic to aquatic life with long lasting effects. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	Common name and synonyms	CAS #	Concentration (% by weight)
Naphtha (petroleum), hydrotreated light	Aliphatic naphtha Aliphatic hydrocarbon Commercial heptane	64742-49-0	**31.66**
n-Propyl acetate	1-Acetoxypropane Acetic acid propyl ester	109-60-4	**21.17**
2-(2H-Benzotriazol-2-yl)-p-cresol	2-(2H-benzotriazol-2-yl)-4-methylphenol 2-(2'-Hydroxy-5'-methylphenyl)benzotriazole	2440-22-4	**0.12**

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTER or doctor/physician if you feel unwell.

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Skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed

: Causes serious eye irritation. Symptoms may include stinging, tearing, redness and swelling.
May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.
Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness.
Mild respiratory irritant. May cause coughing and breathing difficulties.
May cause mild skin irritation. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.

Indication of any immediate medical attention and special treatment needed

: Provide general supportive measures and treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Dry chemical, alcohol foam, carbon dioxide, or water spray.

Unsuitable extinguishing media

: None known.

Special hazards arising from the substance or mixture / Conditions of flammability

: Highly flammable liquid and vapour. Will be ignited by heat, sparks, flame, or other ignition sources. Vapours are heavier than air and collect in confined and low-lying areas. Vapour can travel considerable distance and flashback to a source of ignition. Material will float on water and can be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Toxic fumes, gases or vapours may evolve on burning.

Flammability classification (OSHA 29 CFR 1910.106)

: Flammable liquid - Category 2

Hazardous combustion products

: Carbon oxides; Reactive hydrocarbons; Aldehydes; Nitrogen oxides (NOx); 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.
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire-fighting procedures

: Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: All persons dealing with the clean-up should wear the appropriate personal protective equipment. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Methods and material for containment and cleaning up

: Ventilate the area. Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand). Pick up and transfer to properly labeled containers. Do not use combustible absorbents, such as sawdust. Refer to Section 13 for disposal of contaminated material. Contact the proper local authorities.

Special spill response procedures

: If a spill/release 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).
US CERCLA Reportable quantity (RQ): None known.

In Canada: Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.
Use only outdoors or in a well-ventilated area. Wear protective equipment during handling. Wear protective gloves and eye/face protection. Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep away from incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Contaminated work clothing must not be allowed out of the workplace.

Conditions for safe storage : Store in a cool, dry, well-ventilated area. Store locked up. Store away from incompatibles and out of direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Incompatible materials : Strong oxidizing agents (e.g. hydrogen peroxide, nitric acid); Strong acids; Strong bases

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Naphtha (petroleum), hydrotreated light	N/Av	N/Av	N/Av	N/Av
n-Propyl acetate	200 ppm	250 ppm	200 ppm (840 mg/m³)	N/Av
2-(2H-Benzotriazol-2-yl)-p-cresol	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures : Use only outdoors or in a well-ventilated area. Use with adequate local or mechanical ventilation to meet TLV requirements. Use explosion-proof electrical and ventilating equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection : If airbourne 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 CSA Z94.4-02.

Skin protection : Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear sufficient clothing to prevent skin contact.

Eye / face protection : Wear eye/face protection. Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles. A full face shield may also be necessary.

Other protective equipment : An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations : Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse. Contaminated work clothing must not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid.
Odour : Characteristic odour.
Odour threshold : N/Av
pH : N/Av
Melting/Freezing point : N/Av
Initial boiling point and boiling range : 101°C (214°F)
Flash point : 15°C (59°F)
Flashpoint (Method) : N/Av
Evaporation rate (BuAe = 1) : < 1 (butyl acetate = 1)
Flammability (solid, gas) : Not applicable.
Lower flammable limit (% by vol.) : 0.9%
Upper flammable limit (% by vol.) : 8.0%

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Oxidizing properties	:	None known.
Explosive properties	:	Not explosive
Vapour pressure	:	33 hPa (25 mmHg) @ 20°C (68°F)
Vapour density	:	> 1 (Air = 1.0)
Relative density / Specific gravity	:	0.889 @ 20°C (68°F)
Solubility in water	:	Not miscible.
Other solubility(ies)	:	N/Av
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution	:	N/Av
Auto-ignition temperature	:	246°C (475°F)
Decomposition temperature	:	N/Av
Viscosity	:	48,000 - 52,000 cPs (approx. 53,993 - 58,493 cSt) @ 25°C (77°F)
Volatiles (% by weight)	:	N/Av
Volatile organic Compounds (VOC's)	:	469.7 g/L (3.92 lbs/gal)
Absolute pressure of container	:	N/Ap
Flame projection length	:	N/Ap
Other physical/chemical comments	:	No additional information.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not normally reactive. May slowly hydrolyze in the presence of water to: n-propanol; acetic acid.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Hazardous polymerization does not occur.
Conditions to avoid	:	Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials. Avoid heat and open flame. Avoid excessive moisture.
Incompatible materials	:	Strong oxidizing agents (e.g. hydrogen peroxide, nitric acid); 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	:	YES
Routes of entry skin & eye	:	YES
Routes of entry Ingestion	:	YES
Routes of exposure skin absorption	:	YES

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Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation : Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness.
Mild respiratory irritant. May cause coughing and breathing difficulties.

Sign and symptoms ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin : May cause mild skin irritation.

Sign and symptoms eyes : Causes serious eye irritation. Symptoms may include stinging, tearing, redness and swelling.

Potential Chronic Health Effects
: Prolonged overexposure may cause slight liver and kidney effects, such as increased organ weights.
Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity : Not expected to have carcinogenic effects. No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity
: This product is not expected to cause reproductive or developmental effects.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:
Specific target organ toxicity, single exposure - Category 3. May cause drowsiness or dizziness.

Medical conditions aggravated by overexposure
: Pre-existing skin, eye and respiratory disorders.

Synergistic materials : No information available.

Toxicological data : Not classified for acute toxicity based on available data. No data is available on the product itself. The calculated ATE values for this mixture are:
ATE inhalation (vapours) = 61.69 mg/L/4H

See below for individual ingredient acute toxicity data.

Chemical name	LC_{50} (4hr) inh, rat	LD_{50} (Oral, rat)	LD_{50} (Rabbit, dermal)
Naphtha (petroleum), hydrotreated light	33 - 42 mg/L (vapour)	> 5800 mg/kg	> 2920 mg/kg (No mortality)
n-Propyl acetate	32 mg/L (vapour)	8700 mg/kg	> 17 800 mg/kg
2-(2H-Benzotriazol-2-yl)-p-cresol	> 1.42 mg/L (dust) (No mortality)	> 10 000 mg/kg	> 2000 mg/kg (No mortality)

Other important toxicological hazards
: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : Toxic to aquatic life with long lasting effects.
No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The product contains the following substances which are hazardous for the environment: Distillates (petroleum), hydrotreated light; 2-(2H-Benzotriazol-2-yl)-p-cresol.

See the following tables for individual ingredient ecotoxicity data.

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Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Naphtha (petroleum), hydrotreated light	64742-49-0	4.1 mg/L (Fathead minnow)	N/Av	None.
n-Propyl acetate	109-60-4	60 mg/L (Fathead minnow)	N/Av	None.
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	> 100 mg/L (Zebra fish)		None.

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Naphtha (petroleum), hydrotreated light	64742-49-0	10 mg/L (Daphnia magna)	2.6 mg/L	None.
n-Propyl acetate	109-60-4	91.5 mg/L (Daphnia magna)	N/Av	None.
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	> 1000 mg/L/24hr (Daphnia magna)	0.013 mg/L	1

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Naphtha (petroleum), hydrotreated light	64742-49-0	11 mg/L/72hr (Green algae)	0.1 mg/L/72hr	None.
n-Propyl acetate	109-60-4	672 mg/L/72hr (Green algae)	83.2 mg/L/72hr	None.
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	> 100 mg/L/72hr (Green algae) (Read-across)	33 mg/L/72hr (Read-across)	None.

Persistence and degradability

: No data is available on the product itself.
The following ingredients are considered to be readily biodegradable: Distillates (petroleum), hydrotreated light; n-Propyl acetate.
Contains the following chemicals which are not readily biodegradable:
2-(2H-Benzotriazol-2-yl)-p-cresol.

Bioaccumulation potential : No data is available on the product itself. See the following data for ingredient information.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	3.6 - 5.7	105 - 1216 (calculated)
n-Propyl acetate (CAS 109-60-4)	1.4	3.0 (estimated)
2-(2H-Benzotriazol-2-yl)-p-cresol (CAS 2440-22-4)	4.2	N/Av

Mobility in soil : No data is available on the product itself.

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Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle waste according to recommendations in Section 7. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Methods of Disposal : Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as 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

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1133	ADHESIVES	Consumer Commodity	None	
TDG Additional information	This product may be shipped by ground within Canada as a Limited Quantity or Consumer Commodity. Under the TDG, refer to Section 1.17 for additional exemption requirements, if shipping under this exemption.				
49CFR/DOT	None	Consumer Commodity	ORM-D	None	
49CFR/DOT Additional information	Until December 31, 2020, a limited quantity package may be renamed as 'Consumer commodity' and reclassed as ORM-D, when shipping by ground within the United States. Must be a consumer-type product, in Limited Quantity size, no larger than 5.0 L per container. Package weight must not exceed 30 kg gross.				
ICAO/IATA	ID8000	Consumer Commodity	9	None	 
ICAO/IATA Additional information	Inner container size may not exceed 500 mL. Gross weight per package cannot exceed 30 kg. Follow Packing Instruction Y963. Special Provision A112 applies.				
IMDG	UN1133	ADHESIVES	Limited Quantity	None	
IMDG Additional information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass.				

Special precautions for user : Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. - No smoking.

Environmental hazards : This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.

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SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	None.	None.	No	N/Ap
n-Propyl acetate	109-60-4	Yes	None.	None.	No	N/Ap
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	Yes	None.	None.	No	N/Ap

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

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Naphtha (petroleum), hydrotreated light	64742-49-0	No	N/Ap	No	No	No	No	No	No
n-Propyl acetate	109-60-4	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	No	N/Ap	No	No	No	No	No	No

Canadian Information:

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

Canadian National Pollutant Release Inventory (NPRI): This product does not contain any substances listed on the NPRI.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

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International Information:

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9	Present	Present	(9)-1689	KE-25623	Present	May be used as a single component chemical under an appropriate group standard.
n-Propyl acetate	109-60-4	203-686-1	Present	Present	(2)-727	KE-29778	Present	HSR001217
2-(2H-Benzotriazol-2-yl)-p-cresol	2440-22-4	219-470-5	Present	Present	(5)-544	KE-02741	Present	HSR003665

SECTION 16. OTHER INFORMATION

Legend :

ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CAS: Chemical Abstract Services
CSA: Canadian Standards Association
EC50: Effective Concentration 50%
ENCS: Existing and New Chemical Substances
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
IOC: Inventory of Chemicals
IUCLID: International Uniform Chemical Information Database
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
N/Ap: Not Applicable
N/Av: Not Available
NIOSH: National Institute of Occupational Safety and Health
NOEC: No observable effect concentration
OECD: Organisation for Economic Co-operation and Development
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RTECS: Registry of Toxic Effects of Chemical Substances
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
TSCA: Toxic Substance Control Act
WHMIS: Workplace Hazardous Materials Identification System

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References :

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016.
2. International Agency for Research on Cancer Monographs, searched 2017.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017 (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - March 2015 version.
6. California Proposition 65 List - January 27, 2017 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2017.

Preparation Date (mm/dd/yyyy)

: 03/21/2017

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Prepared for: NLS Products Box 790, 1 Lakewood Crescent Bobcaygeon, ON, Canada K0M 1A0 Telephone: (705) 738-2321 Direct all enquiries to: NLS Products	
Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) http://www.thecompliancecenter.com	

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