SAFETY DATA SHEET



KLONDIKE Parts Washer Solvent

SECTION 1. IDENTIFICATION

Product identifier used on the label

KLONDIKE Parts Washer Solvent

Product Code(s) : None reported.

Recommended use of the chemical and restrictions on use

: Industrial solvent.

Use pattern:Professional Use Only Restriction on use: None known

Chemical family : Petroleum distillates

Name, address, and telephone number

of the supplier: KLONDIKE Lubricants Corporation

3078 275th Street Langley, BC V4W 3L4

Canada

General Information 1-877-293-4691

www.klondikelubricants.com info@klondikelubricants.com

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear colourless liquid. Petroleum hydrocarbon odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Flammable Liquids - Category 3 Skin Irritation - Category 2

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects

Aspiration toxicity: Category 1

Label elements

Hazard pictogram(s)







Signal Word

DANGER!

Hazard statement(s)

Flammable liquid and vapor.

Causes skin irritation.

May cause drowsiness and dizziness.

May be fatal if swallowed and enters airways.

Precautionary statement(s)

Keep away from heat, sparks and open flame. - No smoking.

Keep container tightly closed.

Ground and 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 mist or vapours.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

If skin irritation occurs: Get medical advice/attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

In case of fire: Use water fog, dry chemical, CO2 or 'alcohol' foam to extinguish.

Store locked up.

Store in a well-ventilated place. Keep cool.

Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Other hazards which do not result in classification:

Ingestion may cause irritation of the mouth, throat and stomach. May cause respiratory irritation. Contact with eyes may cause irritation.

Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Environmental precautions:

Avoid release to the environment. Toxic to aquatic life with long lasting effects. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance with impurities

hemical name	Common name and synonyms	CAS#	Concentration (% by weight)	
Stoddard solvent (mineral spirits)	Mineral spirits; White spirits; High flash naphtha	8052-41-3	100.00	
Hydrotreated light distillate	Distillates (petroleum), hydrotreated light	64742-47-8	100.00	
Cumene		98-82-8	Trace	
Ethylbenzene	Ethylbenzol Phenylethane	100-41-4	Trace	
Xylenes	Dimethylbenzene; Methyltoluene; Xylol	1330-20-7	Trace	
Trimethylbenzenes (mixed isomers)	Trimethylbenzene (mixed isomers) Methylxylenes	25551-13-7	Trace	

Note that this product may contain eitherof the above mentioned CAS numbers..

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion

: If swallowed: Immediately call a poison center/doctor. Do not induce vomiting. mouth thoroughly. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Inhalation

Immediately remove person to fresh air.

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.

Skin contact

Wash affected areas with soap and water. Take off contaminated clothing and wash before re-use. Get medical attention if irritation develops and persists.

Eye contact

Flush with large amounts of water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation or symptoms develop, seek medical attention.

Most important symptoms and effects, both acute and delayed

: Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin. Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. May cause respiratory irritation. May cause headache, nausea, dizziness and other symptoms of central nervous system depression. May cause central nervous system effects. Symptoms may include coughing, choking and wheezing. Direct eye contact may cause temporary redness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May have laxative effects.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically. Aspiration hazard. This product is a CNS depressant...

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

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

: Flammable liquid and vapour. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapour can travel considerable distance and flashback to a source of ignition. Vapours are heavier than air and collect in confined and low-lying areas.

Flammability classification (OSHA 29 CFR 1910.106)

: Flammable Liquids - Category 3

Hazardous combustion products

: Carbon dioxide and carbon monoxide. 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. A full-body chemical resistant suit should be worn.

Special fire-fighting procedures

Evacuate personnel to safe areas. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Dike for water control Avoid release to the environment.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

Environmental precautions

Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up

: Ventilate the area. Prevent further leakage or spillage if safe to do so.Dike for water control. Use only non-sparking tools and equipment in the clean-up process. Spilled material will create slippery surfaces. Clean up promptly. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contact the proper local authorities.

Special spill response procedures

 In case of transportation accident, contact TERRAPURE ENVIRONMENTAL at 1-800-567-7455.
 US CERCLA Reportable quantity (RQ): None reportable.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Use only outdoors or in a well-ventilated area. Wear suitable protective equipment. Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat and open flames. - No smoking. Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharges. Bond and ground transfer containers and equipment to avoid static accumulation. Label containers appropriately. Wash thoroughly after handling. Keep containers closed when not in use.

Conditions for safe storage

Store locked up. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

Incompatible materials

Strong oxidizers (e.g. Chlorine, Peroxides, etc.).

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:				
Chemical Name	ACGIH -	ΓLV	OSHA F	PEL
	<u>TWA</u>	<u>STEL</u>	PEL	STEL
Stoddard solvent (mineral spirits)	100 ppm	N/Av	500 ppm ; 2900 mg/m³	N/Av
Hydrotreated light distillate	200 mg/m³ (as total hydrocarbon vapour)	N/Av	N/Av	N/Av
Cumene	50 ppm	N/Av	50 ppm (245 mg/m³) (Skin)	N/Av
Ethylbenzene	20 ppm	N/Av	100 ppm (435 mg/m³)	N/Av
Xylenes	100 ppm	150 ppm	100 ppm (435 mg/m³)	N/Av
Trimethylbenzenes (mixed isomers)	25 ppm	N/Av	25 ppm (final rule limit)	N/Av

Exposure controls

Ventilation and engineering measures

: Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value. Use

explosion-proof electrical and ventilating equipment.

Respiratory protection is required if the concentrations exceed the TLV. Use a NIOSH Respiratory protection

approved dust respirator if dust levels exceed exposure limits. Seek advice from

respiratory protection specialists.

Wear protective gloves. The suitability for a specific workplace should be discussed Skin protection

with the producers of the protective gloves.

Wear eye/face protection. Chemical safety glasses with side shields or splash proof Eye / face protection

goggles.

Wear appropriate protective clothing to prevent skin contact, such as coveralls or long Other protective equipment

sleeved shirt, long pants, and shoes and socks. 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. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear colourless liquid. Odour Mild petroleum odour. **Odour threshold** No information available. На : No information available.

Melting/Freezing point : -58°C(-72.4°F)

Initial boiling point and boiling range

157-218°C (314.6-424.4°F)

Flash point : 242°C (107.6°F) Flashpoint (Method) : closed cup

Evaporation rate (BuAe = 1) : No information available.

Flammability (solid, gas) : Not applicable.

Lower flammable limit (% by vol.)

0.6%

Upper flammable limit (% by vol.)

. 8%

Oxidizing properties: None known.Explosive properties: Not explosiveVapour pressure: 0.22 mm Hg

Vapour density : 4.5 Relative density / Specific gravity

0.79g/cm3

Solubility in water : Insoluble.

Other solubility(ies) : No information available.

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

Auto-ignition temperature : 230°C (446-464°F)

Decomposition temperature : No information available.

Viscosity : No information available.

Volatiles (% by weight) : No information available.

Volatile organic Compounds (VOC's)

: No information available.

Absolute pressure of container

: N/Ap

Flame projection length : N/Ap Other physical/chemical comments

: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

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.

Incompatible materials : See Section 7 (Handling and Storage) for further details.

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

<u>Information on likely routes of exposure:</u>

: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

May cause respiratory tract irritation. Symptoms may include coughing, choking and wheezing.

Sign and symptoms ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
 Aspiration hazard if swallowed - can enter lungs and cause damage. Aspiration may cause pulmonary oedema and pneumonitis.

Sign and symptoms skin

Causes skin irritation. Symptoms may include redness, edema, drying defatting and

cracking of the skin.

Sign and symptoms eyes

Direct eye contact may cause slight redness.

Potential Chronic Health Effects

: Prolonged exposure can cause redness, swelling, itching, cracking of the skin,

dermatitis and sensitization.

Mutagenicity Carcinogenicity

Not expected to be mutagenic in humans.

: This material is not classified as hazardous under U.S. OSHA regulations (29CFR

1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Contains Cumene. Cumene is classified as possibly carcinogenic by IARC (Group 2B). Ethylbenzene is classified as possibly carcinogenic

by IARC (Group 2B) and the ACGIH (Category A3).

Reproductive effects & Teratogenicity

: Not expected to have other reproductive effects.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects:

This material is classified as hazardous under U.S. OSHA regulations (29CFR

1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products

Regulations) (WHMIS 2015). Classification:

Specific target organ toxicity, single exposure Category 3

May cause drowsiness and dizziness.

The substance or mixture is not classified as specific target organ toxicant, repeated

exposure.

Medical conditions aggravated by overexposure

Pre-existing skin, eye and respiratory disorders.

Synergistic materials

No information available.

Toxicological data

: See below for toxicological data on the substance.

	LC ₅₀ (4hr)	LD50			
Chemical name	inh, rat	(Oral, rat)	(Rabbit, dermal)		
Stoddard solvent (mineral spirits)	>5.5 mg/L	>5000 mg/kg	>3000 mg/kg		
Hydrotreated light distillate	>6.03 mg/L (aerosol)	>5000 mg/kg	>2000 mg/kg		
Cumene	8000 ppm (39 mg/L) (vapour)	2260 mg/kg	10 627 mg/kg		
Ethylbenzene	4000 ppm (17.4 mg/L) (vapour)	3500 mg/kg	15 380 mg/kg		
Xylenes	6350 ppm (27.6 mg/L) (vapour)	3253 mg/kg	12 180 mg/kg		
Trimethylbenzenes (mixed isomers)	18 - 24 mg/L (vapour)	8970 mg/kg	> 3160 mg/kg		

Material name: KLONDIKE Parts Washer Solvent

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Other important toxicological hazards

: See Section 2 for additional information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Toxic to aquatic life with long lasting effects. .
The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data:

		Toxicity to Fish				
Ingredients	CAS No	LC50 / 96h	NOEC / 21 day	M Factor		
Stoddard solvent (mineral spirits)	8052-41-3	2.1- 4.2 mg/L (Bluegill sunfish)	N/Av	None.		
Hydrotreated light distillate	64742-47-8	45 mg/L (Fathead minnow)	N/Av	None.		
Cumene	98-82-8	4.8 mg/L (Rainbow trout)	N/Av	None.		
Ethylbenzene	100-41-4	4.2 mg/L (Rainbow trout)	1.13 mg/L (30 days) (QSAR)	None.		
Xylenes	1330-20-7	8.2 mg/L (Rainbow trout)	N/Av	None.		
Trimethylbenzenes (mixed isomers)	25551-13-7	7.72 mg/L (Fathead minnow) (Read-across)	N/Av	None.		

Ingredients	CAS No	Toxicity to Daphnia			
		EC50 / 48h	NOEC / 21 day	M Factor	
Stoddard solvent (mineral spirits)	8052-41-3	0.42-2.3mg/L Water flea	0.1-0.37 mg/L Water flea	1	
Hydrotreated light distillate	64742-47-8	N/Av	N/Av	N/Av	
Cumene	98-82-8	4 mg/L/24hr (Daphnia magna)	N/Av	None.	
Ethylbenzene	100-41-4	1.81 mg/L (Daphnia magna)	N/Av	None.	
Xylenes	1330-20-7	3.2 - 9.56 mg/L (Daphnia magna)	N/Av	None.	
Trimethylbenzenes (mixed isomers)	25551-13-7	2.7 mg/L (Daphnia magna) (Read-across)	0.4 mg/L (Read-across)	None.	

SDS US 8 / 13

Ingredients	CAS No	CAS No Toxicity to Algae				
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor		
Stoddard solvent (mineral spirits)	8052-41-3	0.58 - 1.2 mg/L/72 hours (Green algea)	0.16 mg/L (Green algae)	1		
Hydrotreated light distillate	64742-47-8	N/Av	N/Av	N/Av		
Cumene	98-82-8	2.6 mg/L/72hr (Green algae)	N/Av	None.		
Ethylbenzene	100-41-4	3.6 mg/L/96hr (Green algae)	3.4 mg/L/96hr	None.		
Xylenes	1330-20-7	3.2 - 4.9 mg/L/72hr (Green algae)	N/Av	None.		
Trimethylbenzenes (mixed isomers)	25551-13-7	5.7 mg/L/72hr (Green algae) (Read-across)	0.38 mg/L/72hr (Read-across)	None.		

Persistence and degradability

: Not readily biodegradable.

Bioaccumulation potential: No data is available on the product itself.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Stoddard solvent (mineral spirits) (CAS 8052-41-3)	3.16-7.06	N/Av
Hydrotreated light distillate (CAS 64742-47-8)	5.1-8.8	N/Av
Cumene (CAS 98-82-8)	3.55	224 (calculated)
Ethylbenzene (CAS 100-41-4)	3.15	1.1 - 1.5
Xylenes (CAS 1330-20-7)	3.12 - 3.2	50 - 58
Trimethylbenzenes (mixed isomers) (CAS 25551-13-7)	3.63	42 - 328 (common carp)

Mobility in soil

: This material has low solubility and floats, and is expected to migrate from water to the

Other Adverse Environmental effects

: No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal

: Handle waste according to recommendations in Section 7. Empty containers may contain hazardous residues.

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.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1268	PETROLEUM PRODUCTS, N.O.S.	3	III	3 42
TDG Additional information	material.May be	ritally hazardous substance mark must appear on packaging shipped as a Limited Quantity when transported in contain xceeding 30 kg (66 pounds) gross mass.			
49CFR/DOT	UN1268	Petroleum distillates, n.o.s; or Petroleum products, n.o.s.	3	III	3
49CFR/DOT Additional information	Limited Quanti CFR.	ty exemption may be used if product is in containers or 5 L	itres or less, pe	er Section 1	73.150 of 49
IMDG	UN1268	PETROLEUM DISTILLATES, N.O.S.; or PETROLEUM PRODUCTS, N.O.S.	3	III	3 42
IMDG Additional information		DG regulations for exceptions. The environmentally hazard ding more than 5 litres of the material.	lous substance	mark must	appear on
ICAO/IATA	UN1268	Petroleum products, n.o.s.	3	III	3 4
ICAO/IATA Additional information		ATA Packing Instruction The environmentally hazardous and 5 litres of the material.	substance marl	k must appe	ear on packagings

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 ECOLOGICAL INFORMATION, Section 12.

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

: This information is not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

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

<u>Ingredients</u>		TSCA	Reportable	SARA TITLE III: Sec. 302, Extremely	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
	CAS#	Inventory	Quantity(RQ) (40 CFR 117.302):	Hazardous Substance, 40 CFR 355:	Toxic Chemical	de minimus Concentration	
Stoddard solvent (mineral spirits)	8052-41-3	Yes	N/Ap	N/Av	No	N/Ap	
Hydrotreated light distillate	64742-47-8	Yes	N/Ap	N/Av	No	N/Ap	
Cumene	98-82-8	Yes	5000 lb/ 2270 kg	None.	Yes	1%	
Ethylbenzene	100-41-4	Yes	1000 lb/ 454 kg	None.	Yes	0.1%	
Xylenes	1330-20-7	Yes	100 lbs / 45.4 kg	None.	Yes	1%	
Trimethylbenzenes (mixed isomers)	25551-13-7	Yes	None.	None.	No	N/Ap	

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard, Acute Health Hazard Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS#	California Proposition 65		State "Right to Know" Lists					
	CAS#	Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Stoddard solvent (mineral spirits)	8052-41-3	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Hydrotreated light distillate	64742-47-8	No	N/Ap	No	No	No	No	No	No
Cumene	98-82-8	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Xylenes	1330-20-7	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Trimethylbenzenes (mixed isomers)	25551-13-7	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

Canadian Information:

All ingredients are present on the DSL. WHMIS Classification: See Section 2.

International Information:

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

Material name: KLONDIKE Parts Washer Solvent

Ingredients	CAS#	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Stoddard solvent (mineral spirits)	8052-41-3	232-489-3	Present	Present	(9)-1702; (9)-1702	KE-32199	Present	HSR001498
Hydrotreated light distillate	64742-47-8	265-149-8	Present	Present	(9)-1700	KE-12550	Present	No information available.
Cumene	98-82-8	202-704-5	Present	Present	(3)-32; (3)-22	KE-23957	Present	HSR001184
Ethylbenzene	100-41-4	202-849-4	Present	Present	(3)-60; (3)-28	KE-13532	Present	HSR001151
Xylenes	1330-20-7	215-535-7	Present	Present	(3)-60; (3)-3	KE-35427	Present	HSR000983
Trimethylbenzenes (mixed isomers)	25551-13-7	247-099-9	Present	Present	(3)-7; (3)-3427	KE-34408	Present	May be used as a component in a product covered by a group standard, but is not approved for use as a chemical in its own right.

SECTION 16. OTHER INFORMATION

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Services

 ${\sf CERCLA:}\ \ {\sf Comprehensive\ Environmental\ Response}, \ {\sf Compensation}, \ {\sf and\ Liability\ Act}$

of 1980

CFR: Code of Federal Regulations CNS: Central Nervous System DOT: Department of Transportation EPA: Environmental Protection Agency

EINECS: European Inventory of Existing Commercial chemical Substances

IARC: International Agency for Research on Cancer

IBC: Intermediate Bulk Container

IMDG: International Maritime Dangerous Goods

Inh: Inhalation

LC: Lethal Concentration LD: Lethal Dose N/Ap: Not Applicable

N/Ap: Not Applicable N/Av: Not Available

NIOSH: National Institute of Occupational Safety and Health

NTP: National Toxicology Program

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

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Identification System

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 2016
 - 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases,
 - 2016(Chempendium, HSDB and RTECs).
 - 4. Material Safety Data Sheets from manufacturer.
 - 5. US EPA Title III List of Lists 2016 version.
 - 6. California Proposition 65 List 2016 version.
 - 7. OECD The Global Portal to Information on Chemical Substances -
 - eChemPortal,2016.

Preparation Date (mm/dd/yyyy)

: 02/18/2021

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Comet Chemical Company Ltd. and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Comet Chemical Company Ltd. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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