SAFETY DATA SHEET

Issuing Date 13 January 2021 **Revision Date** 04 October 2023 **Revision Number** 1

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name **Rislone Fuel, Exhaust & Emissions System Cleaner**
Product Code **44720**

Other means of identification
Extended Description Flammable liquid, n.o.s. (Xylene, 1,2,4 Trimethylbenzene)

UN-No. UN1993

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Fuel additive

Uses advised against No information available

Details of manufacturer or importer

Manufacturer/Supplier:
Rislone
P.O. Box 187
Holly, MI 48442 USA
Phone: (810) 603-1321

Distributor:
Keizin Automotive Ltd.
Unit B6, Glen Murray Ind. Park
13 Moreland Drive, Redhill 4051
PO Box 201728, Durban North, 4016
South Africa

Emergency telephone number:
ChemTel Inc.
(800) 255-3924 (North Ame
+1 (813)248-0585 (International)

Keizin Automotive Ltd.
27 (31) 569 2221

Section 2: Hazard(s) identification

GHS Classification

Flammable liquids	Category 3 - (H226)
Aspiration hazard	Category 1 - (H304)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 2 - (H351)
Specific target organ toxicity (single exposure)	Category 2 - (H371)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)

Label elements
Flame
Health hazard

Signal word
Danger

Hazard statements
H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H340 - May cause genetic defects
H351 - Suspected of causing cancer
H371 - May cause damage to organs
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
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 only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof electrical/ ventilating/ lighting/ equipment

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction
Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool
Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification
Causes mild skin irritation. Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

General Hazards No information available.

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable.

Mixture

Common Name

Synonyms

Chemical name	CAS No	Weight-%
Paraffinic, naphthenic solvent	64742-47-8	78.535
Third Party Formulation (TP # 1594907)	-	0 - 10%
Third Party Formulation (TP # 1594907)	-	0 - 10%
Third Party Formulation (TP # 1594907)	-	0 - 10%
Third Party Formulation (TP # 1608183)	-	0 - 10%
Third Party Formulation (TP # 1608183)	-	0 - 10%
Third Party Formulation (TP # 1608183)	-	0 - 10%
Third Party Formulation (TP # 1594907)	-	0 - 10%
Third Party Formulation (TP # 1594907)	-	0 - 10%
Third Party Formulation (TP # 1594907)	-	0 - 10%
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	-	0 - 10%
Third Party Formulation (TP # 1608183)	-	0 - 10%
Third Party Formulation (TP # 1608183)	-	0 - 10%
Non-hazardous ingredients	Proprietary	Balance

Note

Section 4: First aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

Inhalation Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Most important symptoms and effects, both acute and delayed

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous Combustion Products Carbon oxides.

Special protective actions for fire-fighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Hazchem code •3Y

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

Incompatible materials None known based on information supplied.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia	ACGIH TLV
Paraffinic, naphthenic solvent 64742-47-8		TWA: 5 mg/m³ STEL: 10 mg/m³ (as oil mist)
Third Party Formulation (TP # 1594907)	20 ppm 96.9 mg/m³	TWA: 20 ppm
Third Party Formulation (TP # 1594907)	350 mg/m³ 80 ppm	STEL = 150 ppm TWA: 100 ppm
Third Party Formulation (TP # 1594907)	0.2 mg/m³ TWA	TWA: 0.2 mg/m³ Mn S*
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	10 ppm TWA 52 mg/m³ TWA 15 ppm STEL 79 mg/m³ STEL	TWA: 10 ppm S*
Third Party Formulation (TP # 1608183)	1 ppm TWA 3.2 mg/m³ TWA	STEL: 2.5 ppm TWA: 0.5 ppm S*
Third Party Formulation (TP # 1608183)	20 ppm TWA 48 mg/m³ TWA	TWA: 2 ppm

Legend See section 16 for terms and abbreviations

Chemical name	Australia	ACGIH
Third Party Formulation (TP # 1594907)		200 mg/g creatinine - urine (Butoxyacetic acid with hydrolysis) - end of shift
Third Party Formulation (TP # 1594907)		1.5 g/g creatinine - urine (Methylhippuric acids) - end of shift
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))		- (1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis) - end of shift
Third Party Formulation (TP # 1608183)		25 µg/g creatinine - urine (S-Phenylmercapturic acid) - end of shift 500 µg/g creatinine - urine (t,t-Muconic acid) - end of shift

Appropriate engineering controls

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Hand protection Wear suitable gloves. Impervious 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.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance Brown
Odor Petroleum
Color No information available
Odor Threshold No information available

Property	Values	Remarks Method
pH	UNKNOWN	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	55 C / 131 F	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	.81	
Water Solubility	Immiscible in water	
Solubility(ies)	No data available	None known

Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge Yes.

Possibility of Hazardous Reactions

Possibility of hazardous reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to avoid

Conditions to avoid Heat, flames and sparks.

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon oxides.

Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. May cause irritation.

Skin contact Repeated exposure may cause skin dryness or cracking. Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 6,968.60 mg/kg
ATEmix (dermal) 16,244.30 mg/kg
ATEmix (inhalation-gas) 66,453.90 ppm
ATEmix (inhalation-vapor) 162.40 mg/L
ATEmix (inhalation-dust/mist) 22.15 mg/L

10.5218 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
10.5218 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
10.5218 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
10.5218 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
10.5218 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Product Information

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Paraffinic, naphthenic solvent	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Third Party Formulation (TP # 1594907)	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h
Third Party Formulation (TP # 1594907)	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
Third Party Formulation (TP # 1608183)	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Third Party Formulation (TP # 1608183)	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m³ (Rat) 4 h
Third Party Formulation (TP # 1594907)	> 6000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 8500 mg/m³ (Rat) 4 h
Third Party Formulation (TP # 1594907)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 590 mg/m³ (Rat) 4 h
Third Party Formulation (TP # 1594907)	= 58 mg/kg (Rat)	= 140 mg/kg (Rabbit)	= 0.076 mg/L (Rat) 4 h
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	= 1110 mg/kg (Rat)	= 1120 mg/kg (Rabbit)	> 0.4 mg/L (Rat) 4 h
Third Party Formulation (TP # 1608183)	= 810 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h
Third Party Formulation (TP # 1608183)	= 520 mg/kg (Rat)	= 1244 mg/kg (Rabbit)	= 9.48 mg/L (Rat) 4 h

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia
Third Party Formulation (TP # 1608183)	Carc. 1A
Third Party Formulation (TP # 1594907)	Carc. 1B
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	Carc. 2
Third Party Formulation (TP # 1608183)	Carc. 1A
Third Party Formulation (TP # 1608183)	Carc. 1B

Reproductive toxicity No information available.

STOT - single exposure Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). May cause damage to organs.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Section 12: Ecological information

Ecotoxicity

Ecotoxicity Toxic to aquatic life Toxic to aquatic life with long lasting effects

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Paraffinic, naphthenic solvent	No data available	96h LC50: = 2.2 mg/L (Lepomis macrochirus) 96h LC50: = 2.4 mg/L (Oncorhynchus mykiss) 96h LC50: = 45 mg/L (Pimephales promelas)	No data available	No data available
Third Party Formulation (TP # 1594907)	No data available	96h LC50: = 1490 mg/L (Lepomis macrochirus) 96h LC50: = 2950 mg/L (Lepomis macrochirus)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
Third Party Formulation (TP # 1594907)	No data available	96h LC50: > 5000 mg/L (Pimephales promelas)	No data available	No data available
Third Party Formulation (TP # 1594907)	No data available	96h LC50: 13.1 - 16.5 mg/L (Lepomis macrochirus) 96h LC50: 13.5 - 17.3 mg/L (Oncorhynchus mykiss) 96h LC50: 2.661 - 4.093 mg/L (Oncorhynchus	EC50 = 0.0084 mg/L 24 h	48h LC50: = 0.6 mg/L (Gammarus lacustris) 48h EC50: = 3.82 mg/L (water flea)

		mykiss) 96h LC50: 23.53 - 29.97 mg/L (Pimephales promelas) 96h LC50: 30.26 - 40.75 mg/L (Poecilia reticulata) 96h LC50: 7.711 - 9.591 mg/L (Lepomis macrochirus) 96h LC50: = 13.4 mg/L (Pimephales promelas) 96h LC50: = 19 mg/L (Lepomis macrochirus) 96h LC50: = 780 mg/L (Cyprinus carpio) 96h LC50: > 780 mg/L (Cyprinus carpio)		
Third Party Formulation (TP # 1608183)	No data available	96h LC50: = 9.22 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: = 6.14 mg/L (Daphnia magna)
Third Party Formulation (TP # 1608183)	No data available	96h LC50: 7.19 - 8.28 mg/L (Pimephales promelas)	No data available	48h EC50: = 6.14 mg/L (Daphnia magna)
Third Party Formulation (TP # 1594907)	No data available	96h LC50: = 2200 mg/L (Pimephales promelas)	No data available	No data available
Third Party Formulation (TP # 1594907)	No data available	96h LC50: = 1740 mg/L (Lepomis macrochirus) 96h LC50: = 19 mg/L (Pimephales promelas) 96h LC50: = 2.34 mg/L (Oncorhynchus mykiss) 96h LC50: = 41 mg/L (Pimephales promelas) 96h LC50: = 45 mg/L (Pimephales promelas)	No data available	48h EC50: = 0.95 mg/L (Daphnia magna)
Third Party Formulation (TP # 1594907)	No data available	96h LC50: = 0.21 mg/L (Cyprinus carpio)	No data available	No data available
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	No data available	96h LC50: 0.91 - 2.82 mg/L (Oncorhynchus mykiss) 96h LC50: 5.74 - 6.44 mg/L (Pimephales promelas) 96h LC50: = 1.6 mg/L (Oncorhynchus mykiss) 96h LC50: = 1.99 mg/L (Pimephales promelas) 96h LC50: = 31.0265 mg/L (Lepomis macrochirus)	EC50 = 0.93 mg/L 30 min EC50 > 20 mg/L 18 h	48h EC50: 1.09 - 3.4 mg/L (Daphnia magna) 48h EC50: = 1.96 mg/L (Daphnia magna) 48h LC50: = 2.16 mg/L (Daphnia magna)
Third Party Formulation (TP # 1608183)	72h EC50: = 29 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 10.7 - 14.7 mg/L (Pimephales promelas) 96h LC50: 22330 - 41160 µg/L (Pimephales promelas) 96h LC50: 70000 - 142000 µg/L (Lepomis macrochirus) 96h LC50: = 22.49 mg/L (Lepomis macrochirus) 96h LC50: = 28.6 mg/L (Poecilia reticulata) 96h LC50: = 5.3 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: 8.76 - 15.6 mg/L (Daphnia magna) 48h EC50: = 10 mg/L (Daphnia magna)
Third Party Formulation	96h EC50: = 240 mg/L	96h LC50: = 215 mg/L	EC50 = 3300 mg/L 160	48h EC50: = 350 mg/L

(TP # 1608183)	(Pseudokirchneriella subcapitata)	(Lepomis macrochirus)	min	(Daphnia magna)

Persistence and degradability

Persistence and Degradability No information available.

Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Third Party Formulation (TP # 1594907)	0.81
Third Party Formulation (TP # 1594907)	3.15
Third Party Formulation (TP # 1608183)	3.63
Third Party Formulation (TP # 1594907)	6.1
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	3.6
Third Party Formulation (TP # 1608183)	2.1
Third Party Formulation (TP # 1608183)	0.08

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available

Section 13: Disposal considerations

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

Section 14: Transport information

ADG

UN Number UN1993
Proper shipping name Flammable liquid, n.o.s.
Hazard Class 3
Packing group III
Special Provisions 223, 274
Hazchem code •3Y

IATA

UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
ERG Code	3L
Description	UN1993, FLAMMABLE LIQUID, N.O.S. (2-BUTOXYETHANOL, XYLENE), 3, III, LTD QTY

IMDG/IMO

UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
EmS-No.	F-E, S-E
Description	UN1993, FLAMMABLE LIQUID, N.O.S. (2-BUTOXYETHANOL, XYLENE), 3, III, (55°C C.C.), LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Australia
See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
The below table provides the relevant information for classification of this product according to the regulation. This information should be used to appropriately determine if a classification is relevant to the overall product

Chemical name	Weight-%	Poison Schedule Number	Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Third Party Formulation (TP # 1594907)	0 - 10%	6	6: except in plant growth regulator preparations containing <=20% of such substances, or in other preparations containing <=10% of such substances
Third Party Formulation (TP # 1594907)	0 - 10%	6	6: except its derivatives;except in preparations containing <=50% of Xylene or Xylene and Toluene
Third Party Formulation (TP # 1594907)	0 - 10%	6 7	6: <=10 % in preparations when fitted with a child-resistant closure 7: except when included in Schedule 6;when used in laboratory analysis, or when packed for industrial use in containers with a nominal capacity of >=100 L
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	0 - 10%	6	6: except its derivatives;except in liquid hydrocarbons

Chemical name	Weight-%	Poison Schedule Number	Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Third Party Formulation (TP # 1608183)	0 - 10%	7	7: except its derivatives;except preparations containing <=15 mL/L of Benzene, or petrol containing <=50 mL/L of Benzene
Third Party Formulation (TP # 1608183)	0 - 10%	7	7: present

Major hazard (accident/incident planning) regulation
Verify that license requirements are met

Named hazardous chemicals

Chemical name	Threshold quantity (T)
Third Party Formulation (TP # 1608183)	50 tonne TQ

Hazardous chemical	Threshold quantity (T)
Liquids that meet the criteria for Class 3 Packing Group II or III	50 000
Liquids with flash points <61°C kept above their boiling points at ambient conditions	200

National pollutant inventory
Subject to reporting requirement

Chemical name	National pollutant inventory
Third Party Formulation (TP # 1594907)	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Third Party Formulation (TP # 1594907)	10 tonne/yr Threshold category 1 including individual or mixed isomers
Third Party Formulation (TP # 1608183)	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Third Party Formulation (TP # 1594907)	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Third Party Formulation (TP # 1594907)	10 tonne/yr Threshold category 1
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total

Chemical name	National pollutant inventory
	400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Third Party Formulation (TP # 1608183)	10 tonne/yr Threshold category 1
Third Party Formulation (TP # 1608183)	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

Banned and/or restricted
This product contains one or more substance(s) subject to prohibition, authorization or restriction Verify that requirements related to using, handling, and storing substances subject to prohibition, authorization or restriction are met

Chemical name	Carcinogen	Restricted substance
Third Party Formulation (TP # 1608183) -	restricted includes pure substance or mixtures containing >=0.1% (w/w) concentration. Restricted use: all uses involving Benzene as a feedstock containing >50% of Benzene by volume;genuine research or analysis	For spray painting at a concentration of >1% Benzene by volume

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: Any other relevant information

Key or legend to abbreviations and acronyms used in the safety data sheet

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Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: Exposure controls and personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation
C	Carcinogen		

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
U.S. Environmental Protection Agency High Production Volume Chemicals
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Disclaimer

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.

Data for Regulatory Rules

Document Review	ATTENTION!
Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)	The below table provides the relevant information for classification of this product according to the regulation. This information should be used to appropriately determine if a classification is relevant to the overall product
Poison Schedule Number	7

Chemical name	Poison Schedule Number	Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Third Party Formulation (TP # 1594907)	6	6: except in plant growth regulator preparations containing <=20% of such

Chemical name	Poison Schedule Number	Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
		substances, or in other preparations containing <=10% of such substances
Third Party Formulation (TP # 1594907)	6	6: except its derivatives;except in preparations containing <=50% of Xylene or Xylene and Toluene
Third Party Formulation (TP # 1594907)	6 7	6: <=10 % in preparations when fitted with a child-resistant closure 7: except when included in Schedule 6;when used in laboratory analysis, or when packed for industrial use in containers with a nominal capacity of >=100 L
3rd Party %: 0.016465 (Third Party Formulation (TP # 1594907)), 3rd Party %: 0.00195 (Third Party Formulation (TP # 1608183))	6	6: except its derivatives;except in liquid hydrocarbons
Third Party Formulation (TP # 1608183)	7	7: except its derivatives;except preparations containing <=15 mL/L of Benzene, or petrol containing <=50 mL/L of Benzene
Third Party Formulation (TP # 1608183)	7	7: present

Other hazards	Causes mild skin irritation Toxic to aquatic life
Composition	92.4557
Inhalation Statement	Liquid or Aerosol
Physical hazards	Flame
Physical hazards	Flame
Health hazards	Health hazard
Packing Group in Arabic Number	999

GHS Product Information

Australia