



A CSW Industrials Company

SAFETY DATA SHEET

Issuing Date 04-11-2013

Revision Date 03-20-2018

Revision Number 1



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Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name JET-LUBE® - EZY-TURN® #8

Product Code(s) 945

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Lubricants, Greases and Release Products

Uses advised against No information available

Details of manufacturer or importer

Supplier Identification XTEX Ltd.

Address XTEX Ltd
ABN 40 121 722 236
7 Arnold Street
Cheltenham, VIC 3192

Telephone TEL: 1300-00-XTEX(9839)

E-mail sales@xtex.com.au

For further information, please contact

Responsible Persons Product Safety Department

Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL) Information Center, Australia: 13 11 26
Information Center, New Zealand: 0800 764 766

Section 2: Hazard(s) identification



GHS Classification

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2A - (H319)

Label elements

Exclamation mark



Signal word

Warning

Hazard statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wear respiratory protection

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Specific treatment is urgent (see supplemental first aid instructions on this label)

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

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

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

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

General Hazards

No information available.

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

Substance

Not applicable.

Mixture

Chemical name	CAS-No	Percent
Calcium fluoride	7789-75-5	10-<30
Silicon dioxide	7631-86-9	<10
Glycerin	56-81-5	<10
Non-hazardous ingredients	Proprietary	Balance



Section 4: First aid measures

First aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Emergency telephone number	Poisons Information Center, Australia: 13 11 26 Poisons Information Center, New Zealand: 0800 764 766
Inhalation	If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Get medical attention immediately if symptoms occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe vapor or mist. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Coughing and/ or wheezing. Difficulty in breathing. Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.

Hazardous Combustion Products Carbon oxides Thermal decomposition of product above 300 degrees (C), can create Carbonyl fluoride, which combines with air and moisture and hydrolyses to Hydrogen



Fluoride and Carbon Dioxide. Other PTFE degradation products include; perfluoroisobutylene, tetrafluoroethylene, hexafluoropropylene, carbon monoxide and trifluoromethane

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.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Do not breathe vapor or mist. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up 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 Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not breathe vapor or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

General hygiene considerations Avoid contact with skin, eyes or clothing. Do not breathe vapor or mist. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. 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. Store locked up. Keep out of the reach of children.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.



Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia
Calcium fluoride - 7789-75-5	2.5 mg/m ³
Silicon dioxide - 7631-86-9	TWA: 2 mg/m ³
Glycerin - 56-81-5	10 mg/m ³

Legend See section 16 for terms and abbreviations.

Chemical name	Australia	ACGIH - American Conference of Governmental Industrial Hygienists
Calcium fluoride - 7789-75-5	-	2 mg/L 3 mg/L

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Hand protection Wear suitable gloves. Impervious gloves. Neoprene gloves. Nitrile rubber. Viton™.

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. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Physical and Chemical Properties

Physical state Semi-Solid; Paste
Appearance Green
Odor Oily
Color No information available
Odor Threshold Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	7	
Melting / freezing point	No data available	None known
Boiling point / boiling range	315 °C	
Flash Point	> 260 °C	
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		



Vapor pressure	No data available	
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	1.22	
Solubility(ies)	Insoluble	
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	Not Applicable	
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	None
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 None.

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 Excessive heat.

Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon oxides. Thermal decomposition of product above 300 degrees (C), can create Carbonyl fluoride, which combines with air and moisture and hydrolyses to Hydrogen Fluoride and Carbon Dioxide. Other PTFE degradation products include; perfluoroisobutylene, tetrafluoroethylene, hexafluoropropylene, carbon monoxide and trifluoromethane.

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.
Eye contact	Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms	Coughing and/ or wheezing. Difficulty in breathing. Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

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

ATEmix (oral)	5,990.00 mg/kg
ATEmix (inhalation-dust/mist)	0.06 mg/L

Unknown acute toxicity	95.7 % of the mixture consists of ingredient(s) of unknown toxicity
	85.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
	95.7 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
	95.7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
	95.7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
	78.9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium fluoride	= 4250 mg/kg (Rat)	-	-
Silicon dioxide	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
Glycerin	= 12600 mg/kg (Rat)	21900 mg/kg (Rat)	> 570 mg/m ³ (Rat) 1 h

Legend

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	Classification based on data available for ingredients. Irritating to skin.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Irritating to eyes.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.



Section 12: Ecological information

Ecotoxicity

Ecotoxicity

Unknown aquatic toxicity 95.7 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Silicon dioxide	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)	-	48h EC50: = 7600 mg/L
Glycerin	-	LC50 96 h: 51 - 57 mL/L static (Oncorhynchus mykiss)	-	EC50 24 h: > 500 mg/L (Daphnia magna)

Persistence and degradability

Persistence and Degradability No information available.

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Log Pow
Glycerin	-1.76

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 Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Section 14: Transport information

ADG NOT REGULATED

IATA NOT REGULATED



IMDG/IMO

NOT REGULATED

Transport in bulk according to Annex II of MARPOL 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	Percent	Poison Schedule Number	Standard for the Uniform Scheduling of Drugs and Poisons(SUSDP)
Calcium fluoride 7789-75-5	10-<30	2 4 3 5 6	5: <=3 % in preparations except: in preparations for human use, or in preparations containing <=15 mg/kg of Fluoride ion;as Fluoride ion 6: except when included in Schedule 5;in preparations for human use;or in preparations containing <=15 mg/kg of Fluoride ion 3: <=5500 mg/kg for human topical use: in non-liquid preparations containing Fluoride ion except: in preparations for therapeutic use containing <=1500 mg/kg Fluoride ion and;when containing >1000 mg/kg Fluoride ion;compliant with the requirements of the Required Advisory Statements for Medicine Labels;in preparations for non-therapeutic use containing 1500 mg/kg or less of Fluoride ion and;when containing more than 1000 mg/kg Fluoride ion;labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less;or in preparations for supply to registered dental professionals or by approval of an appropriate authority 3: <=5500 mg/kg for human topical use: in liquid preparations containing fluoride



			<p>ion in a container with a child-resistant closure except when included in or expressly excluded from Schedule 2</p> <p>2: <=1000 mg/kg for human use; fluoride ion in liquid preparations for topical use in a container with a child-resistant closure: for therapeutic use when compliant with requirements of the Required Advisory Statements for Medicine Labels [September 2008] except in preparations containing <=220 mg/kg of Fluoride ion, in packs containing <=120 mg total Fluoride when fitted with a child-resistant closure and compliant with the requirements of the Required Advisory Statements for Medicine Labels; or for non-therapeutic use when labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less, except in preparations containing <=220 mg/kg of Fluoride ion, in packs containing <=120 mg total Fluoride, when fitted with a child-resistant closure and labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less, except in preparations containing <=15 mg/kg of Fluoride ion or preparations for supply to registered dental professionals or by approval of an appropriate authority</p> <p>2: <=0.5 mg/dosage unit for human use in preparations for ingestion</p> <p>4: in preparations for human use except when included in or expressly excluded from Schedule 2 or 3</p>
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Major hazard (accident/incident planning) regulation
 Verify that license requirements are met

Hazardous chemical
 Materials that meet the criteria for Toxic in table 15.3

Threshold quantity (T)
 200

National pollutant inventory



Subject to reporting requirement

Chemical name	National pollutant inventory
Calcium fluoride - 7789-75-5	10 tonne/yr Threshold category 1 400 tonne/yr Threshold category 2a 1 tonne/h Threshold category 2a 2000 tonne/yr Threshold category 2b 60000 MWH Threshold category 2b 20 MW Threshold category 2b
Glycerin - 56-81-5	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

International Inventories

TSCA	Complies.
DSL/NDSL	Complies.
EINECS/ELINCS	Complies.
ENCS	Not determined.
KECL	Complies.
PICCS	Not determined.
AICS	Complies.

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
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Section 16: Any other relevant information

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	04-11-2013
Revision Date	03-20-2018
Revision Note	Initial Release

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



Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Disclaimer

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End of Safety Data Sheet