

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1	Trade Name	EZ 502 HL
1.2	Use of substance	Lubricant Grease
1.3	Manufacturer/Supplier	ITW Chemin, ITW INDIA PRIVATE LIMITED
	Address	Plot No: 34-37, Phase- 2, IDA, TSIIIC, Pashammylaram, SangaReddy Dist- 502307, INDIA
	Phone Number	+91 8455 224700/01
	Fax Number	+91 8455 224705
1.4	Emergency Cell Number	+919000031515
	E-Mail	chemininfo@itwchemin.com
	Website	www.itwchemin.com

2. HAZARD IDENTIFICATION

GHS label Element:

Hazard statements: H315: Causes skin irritation.

Hazard Pictogram: GHS07: Exclamation mark



Signal Word: Warning

Precautionary statements:

P102: Keep out of reach of children
 P240: Ground/Bond container and receiving equipment.
 P243: Take precautionary measures against static discharge.
 P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call if you feel unwell.
 P403+233: Store in a well-ventilated place. Keep container tightly closed.

Other Hazards: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration	Exposure Limits
Poly alpha olefins	68649-11-6	70-80%	Not established
Lithium Soap	Mixture	15-25%	
Additives	Mixture	5-15%	

4. FIRST AID MEASURES

	4.1: First aid measures	4.2: Symptoms
Eye contact	Bathe the eye with running water for 15 minutes. Consult a doctor	May be Mild irritation at the site of contact.
Skin contact	Wash immediately with plenty of soap and water	May be Irritation and redness
Ingestion	Wash out mouth with water	May be irritation of throat
Inhalation	Remove causality from exposure ensuring one's own safety whilst doing so.	May be coughing and sore throat

5. FIRE FIGHTING MEASURES

5.1	Extinguishing Media	Use foam, dry chemical or carbon dioxide.
5.2	Specific hazards arising from the chemical	This product may give rise to hazardous fumes in a fire.
5.3	Advice for fire-fighters	Full protective clothing and self containing breathing apparatus.
5.4	Unsuitable Extinguishing Media	Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal Precautions	Material can create slippery conditions underfoot.
6.2	Environmental Precautions	Try to prevent the material from entering drains or rivers.
6.3	Methods and material for containment and cleaning up	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water.

7. HANDLING AND STORAGE

7.1	Handling	Keep away from heat, sparks and flame.
7.2	Storage	Storage temperature should be controlled to between 5 and 45 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	DNEL / PNEC No data available.
8.2	Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
8.3	Individual protection measures, such as personal protective equipment	

Respiratory Protection	Respiratory protection not normally required.
Hand Protection	Wearing impervious protective gloves made from neoprene, nitrile or n-butyl rubber can minimize skin contact. Use a good quality water-soluble barrier cream.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.).	pale yellow to Amber semi thick paste
Odor	No characteristic odour
Viscosity	Thick paste NLGI grade-2
pH	Not applicable
Melting Point/Freezing point	Not applicable
initial boiling point and boiling range.	>230°C
flash point.	>190°C
evaporation rate.	Not applicable
flammability (solid, gas).	Not applicable
upper/lower flammability or explosive limits.	Not applicable
vapor pressure.	Not applicable
vapor density.	Not applicable
relative density.	<1 Kg/L
solubility(ies).	Not soluble in water
Partition coefficient: n-octanol/water.	Not established
Auto ignition temperature.	Above 200
Decomposition temperature.	Not applicable
NOTE:	The above data are typical values and cannot be inferred as specifications

10. STABILITY AND REACTIVITY

10.1	Reactivity	None Known
10.2	Chemical stability	Stable under normal condition
10.3	Possibility of Hazardous reaction	None
10.4	Condition to avoid	High Temperatures
10.5	Incompatible material	Strong oxidizing agents. Strong acids.
10.6	Hazardous Decomposition Products	combustion will generate: Carbon dioxide and carbon monoxide vapors.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms
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12. ECOLOGICAL INFORMATION

12.1	Eco toxicity	Not known
12.2	persistence and degradability	Not known
12.3	Bio accumulative potential	Not known
12.4	Mobility in soil.	Non-volatile absorbed only slowly in to soil.
12.5	Other adverse effects

13. DISPOSAL

13.1	Product Disposal	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
	Container Disposal	Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers. Empty aerosol cans before disposal

14. TRANSPORT INFORMATION

14.1	UN number	---
14.2	UN proper shipping name	----
14.3	Transport hazard class(es)	
14.4	Packing group	
14.5	Environmental hazards	
14.6	Special precautions for user	

15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	No significant hazard
15.2	Chemical Safety Assessment	None

Note The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION

Product Use	For industrial use only. Metal Working Fluid
SDS data revised, Ref. No.	Sep'2019, REV: 01
Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.