PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	SOLCUT METAL WORKING FLUID SYNTHETIC
Product Code	
Symbols	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	SOLCUT METAL WORKING FLUID SYNTHETIC
Supplier	NONA INDUSTRIAL CC
Updated	Feb. 2020
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Hazchem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Names and Synonyms:
Petroleum Hydrocarbon and Additives
Ingredients Considered Hazardous to Health:

Substance Name	Wt%
Water	>30
Additives	Balance

SECTION 3. HAZARDOUS IDENTIFICATION

US OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

Effects of Overexposure:
Note: This product is water based. Keep good personal hygiene and avoid prolonged exposure.

Emergency Response Data: Water soluble fluid

SECTION 4. FIRST AID MEASURES

Eyes Contact	Flush thoroughly with water. If irritation occurs, call doctor.
Skin contact	Dry-wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thoroughly with soap and water.
Inhalation	No special requirements under ordinary conditions of use and with adequate ventilation.
Ingestion	Seek medical attention. If medical attention will be delayed, induce vomiting with Syrup of ipecac followed by ½ to 1 full glass of water. If syrup is not available, induce vomiting by placing finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious patient.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, foam, dry chemical and water fog.
Special fire fighting procedure	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, municipal sewers, or drinking water supply.
Special protective equipment for firefighters	For fires in enclosed areas, fire fighters must use Self-Contained Breathing Apparatus.
Unusual fire and explosive hazards:	None.
Products of decomposition	Fumes, smoke, carbon monoxide, sulphur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Flash Point:	>204 (ASTM D-92)
Flammable limits	LEL: NA, UEL: NA

NFPA Hazard Id: Health: 0; Flammability: 0; Reactivity: 0

Hazardous decomposition products: N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

Notification procedures	Report spill as required to appropriate authorities.
Procedures if the material is released or spilled	Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.
Environmental precautions	Prevent spills from entering storm sewers or drains and contact with soil.
Personal precautions	See Section 8.

SECTION 7. HANDLING AND STORAGE

Handling	Product not harmful, will make surfaces slippery
Storage	Do not store in open or un-labelled containers.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation	No special requirements under normal conditions of use and with adequate ventilation.
Respiratory protection	No special requirements under normal conditions of use and with adequate ventilation.
Eye protection	Generally eye contact with solid material is unlikely, however, if eye contact is likely, chemical type goggles should be worn.
Skin protection	Use chemical-resistant apron and/or other clothing to avoid contact.
Skin and body protection	No special equipment required. However, if frequent splashing or liquid contact is likely to occur, wear oil impervious gloves and clothing. Good personal hygiene practices should always be followed.

Occupational exposure limits:

	LTEL	STEL	NOTE
Substance name (CAS-No)	Source ppm mg	m3 ppm mg	m3
Asphalts (petroleum)	(6032-12-4)	ACGIH	65

Note: Limits shown for guidance only. Follow applicable regulations.
Threshold limit value: 65.00 mg/m3

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue fluid
Colour	Blue
Odour	Mild
pH	N/A
Boiling point °C	>97
Flash point	Nil
Flammability	N/A
Auto flammability	N/E
Explosive properties	N/A
Oxidizing properties	N/A
Vapor pressure mmHg 20°C:	<0.1

Density @ 20°C	1.05
Solubility in water	Completely
Pour point	NE

N/A= Not applicable, **N/E=** Not established, **D=** Decomposes
For further technical information, contact your marketing representative.

SECTION 10. TOXICOLOGICAL DATA

Acute toxicology	Oral toxicity (rats): Practically non-toxic (LD50: greater than 2000mg/kg). Based on testing of similar products and/or the components.
Dermal toxicity (rabbits)	Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and /or the components.
Inhalation toxicity (rats)	Not established
Eye irritation (rabbits)	Practically non-irritating. Based on testing of similar products and/or the components.
Skin irritation (rabbits)	Practically non-irritating. Based on testing of similar products and/or the components.

SECTION 11. ECOLOGICAL INFORMATION

Environmental fate and effects:
Not established.

SECTION 12. DISPOSAL CONSIDERATIONS

Waste disposal:
Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

SECTION 13. TRANSPORT INFORMATION

USA DOT:
Not regulatory

IMO:
Not regulated by IMO.

IATA:
Not regulated by IATA.

SECTION 14. REGULATORY INFORMATION

US OSHA Hazard
Communication Standard: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
Governmental Inventory

Status: All components comply with TSCA, EINECS/ELINCS, AICS, METI, DSL, KECI, ENCS, PICCS and IECSC.

EU Labelling: Product is not dangerous as defined by the European Union Dangerous Substances/ Preparations Directives. EU labelling not required.

SARA
U.S. Superfund This product contains no "EXTREMELY
Amendments and HAZARDOUS SUBSTANCES".
Reauthorization Act SARA

Title III:
SARA (311/312) Reportable
Hazard Categories: None

The following product ingredients are cited on the lists below

Chemical Name	CAS Number	List Citations
Surfactant	64742-04-7	7, 17
Regulatory list searched		
1 = ACGIH ALL	**11 = TSCA 4**	
2 = ACGIH A1	**12 = TSCA 5a2**	
3 = ACGIH A2	**13 = TSCA 5e**	
4 = NTP CARC	**14 = TSCA 6**	
5 = NTP SUS	**15 = TSCA 12b**	
6 = IARC 1	**16 = CA P65**	
7 = IARC 2A	**17 = CA RTK**	
8 = IARC 2B	**18 = FL RTK**	
9 = OSHA CARC	**19 = IL RTK**	
10 = OSHA Z	**20 = LA RTK**	

Code Key: CARC = Carcinogen; SUS = Suspected Carcinogen

SECTION 15. OTHER INFORMATION

Use:
Metal working fluid

Ingredient:	**Percent:**
Water	>30
Additives	balance

SECTION 16. DISCLAIMER

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by	NONA INDUSTRIAL CC Product Technical Services

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