PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	HEAT TRANSFER 100 HEAVY DUTY HYDRO CARE
Product Code	
Symbols	Not Classified
Labelling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	HEAT TRANSFER 100 HEAVY DUTY HYDRO CARE
Supplier	NONA INDUSTRIAL CC
Updated	Feb. 2020
Review	Feb. 2021
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

2.1. Classification of the substance or mixture Classification (EC 1272/2008)
Physical hazards Not Classified

Health hazards: Not Classified
Environmental hazards: Not Classified

2.2. Label elements
Hazard statements NC Not Classified

2.2. Other hazards

SECTION 3. HAZARDOUS IDENTIFICATION

Composition comments Some substances are not classified by legislation. They are self -classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

SECTION 4. FIRST AID MEASURES

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anythingby mouth to an unconscious person. Do not induce vomiting.Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from sourceof contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific treatment. Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media	Foam, carbondioxide or dry powder.
Unsuitable Extinguishing media	Do not use the following: Water.
Specific hazards	Protection against nuisancedust must be used when the airborneconcentration exceeds 10 mg/m3. Oxides of carbon. Oxides of nitrogen.
Protective actions during firefighting	Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
Methods for cleaning up	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plentyof water. Avoid the spillagefor runoff entering drains, sewers or watercourses.

SECTION 7. HANDLING AND STORAGE

Usage precautions	Avoid spilling. Avoid contact with skin and eyes.
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approvedstandard should be worn if a risk assessment indicates eye contact is possible.The following protection should be worn: Chemical splashgoggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approvedstandard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Nitrile rubber. Polyvinyl chloride (PVC).
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating,smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Amber - Yellow
Flash point	210°C OC
Relative density	0.88 g/ml @ 15°C
Viscosity @ 40°C	32

SECTION 10. STABILITY AND REACTIVITY

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.Avoid contact with strong oxidising agents.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11. TOXICOLOGICAL DATA

Ecotoxcity Not regarded as dangerous for the environment

Toxicity
Persistence and degradbility
Bioaccumalitive potential
mobility in soil
Results of PBT and vPvB assesment
Other adverse effects

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxcity: Not regarded as dangerous for the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

General information	The packaging must be empty (drop-free when inverted).
Disposal methods	Dispose of waste to licensedwaste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 14. TRANSPORT INFORMATION

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): No transport warning sign required.

Transport labels: No transport warning sign required.

Packing group: Not applicable.

Environmentally hazardous substance/marine pollutant: No.

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15. REGULATORY INFORMATION

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

National regulations
The Chemicals (HazardInformation and Packaging for Supply)Regulations 2009 (SI 2009 No.716).

Guidance
Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

Code Key: CARC = Carcinogen; SUS = Suspected Carcinogen

SECTION 16. OTHER INFORMATION

Key literature references and sources for data

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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