PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	WATER BASE DEGREASER
Product Number	
Synonyms	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Water Base Degreaser
Supplier	NONA INDUSTRIAL CC
Updated	April 2013
Review	April 2025
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Houchen)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components
None

SECTION 3. HAZARDOUS IDENTIFICATION

Note:
Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin and respiratory irritation.

See Section 11 for further health effects/toxicological data.

SECTION 4. FIRST AID MEASURES

Inhalation	Not expected to be a problem. However, if respiratory irritation occurs due to excessive vapour or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with mechanical device or use mouth-to-mouth resuscitation.
Skin	Not expected to be a problem. However, if respiratory irritation occurs due to excessive vapour or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with mechanical device or use mouth-to-mouth resuscitation.
Eyes	Flush thoroughly with water. If irritation occurs, call a doctor.
Ingestion	Not expected to be a problem. However, if discomfort occurs seek medical attention. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, foam, dry chemical,
Special Fire-fighting procedures	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Fire fighters should wear full face, self contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.
Special protective equipment	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
Unusual fire and explosion hazards	None
Flashpoint C	> 199 °C (ASTM D-92)

NFPA Hazard ID:

Health	0
Flammability	1
Reactivity	0
Hazardous decomposition products	Carbon Dioxide Carbon Monoxide

SECTION 6. ACCIDENTAL RELEASE MEASURES

Notification procedures	Report spill as required to appropriate authorities.
Procedures if the material is released or spilled	LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping into suitable containers. Absorb with inert material and place into sand or other suitable absorbent and remove mechanically into containers.
Environmental precautions	Prevent spills from entering storm sewers or drains and contact with soil.
Personal precautions	See Section 13

SECTION 7. HANDLING AND STORAGE

Storage and Handling Procedures	Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible materials.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limits Distillates (petroleum) solvent-dewaxed heavy paraffinic Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Chemical-resistant, impervious gloves complying with an approved standard 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).
Chemical-resistant, impervious gloves complying with an approved standard 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).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Clear green liquid
Odour	Glycol odour
pH	>12.0-12.5
Solubility in water	Completely soluble in water
Boiling Point (Celsius)	N/A
Flammability	N/A
Auto Flammability	N/E
Explosive Properties	N/A
Oxidizing Properties	N/A
Density at 20°C	1.03-1.04kg/L

N/A = Not Applicable, N/E = Not Established, D = Decomposes
For further technical information, contact your marketing representative

SECTION 10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Extreme heat and high energy sources of ignition, such as sparks and static electricity
Materials to avoid	Strong oxidizers
Hazardous decomposition products	Fumes, smoke, carbon monoxide, sulphur oxides, aldehydes and other decomposition products, in the case of incomplete combustion

SECTION 11. TOXICOLOGICAL INFORMATION

Oral toxicity	Practically non-toxic (LD50: Greater than 2000 mg/kg). Based on testing of similar products and/or the components.
Dermal toxicity	Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.
Eye Irritation	Practically non-irritating. (Draize score greater than 0 but 15 or less). Based on testing of similar products and/or the components.
Skin irritation	Practically non-irritating. (Primary irritation index: greater than 0.5 but less than 5). Based on testing of similar products and/or the components.
Other Acute Toxicity Data	Although an acute inhalation study was not performed with this product, it is expected to be practically non-toxic by inhalation. Similar products have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. Based on the low vapour pressure of the product, it is expected to produce no ill effects in a single exposure to the present formulation(s) did not alter the observed effects. Overexposure to oil mist may result in oil droplet deposition and/or pneumonia formation.
Sensitization	Not expected to be sensitizing based on tests of this product, components, or similar products.
Repeated dose toxicity	No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal handling and use. Based on the low vapour pressure of the product, lack of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.) Prolonged or repeated skin contact may cause irritation to the skin, eyes or respiratory tract.
Teratogenicity	No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.
Carcinogenicity	Chronic mouse skin painting studies of severely solvent-refined mineral base oils, which are representative of the base oil used in this product, have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposure.

SECTION 12. ECOLOGICAL INFORMATION

Biodegradability	This product is expected to be inherently biodegradable
Physico-chemical Removability	Absorption to sediment and soil will be the predominant behaviour.
Bioaccumulation	Minimal owing to low water solubility

Ecotoxicity effects

Toxicity to aquatic organisms:
This substance is practically non-toxic to aquatic organisms (LL50: >1000 mg/l).

Further information on ecology

Remarks:
In the absence of specific environmental data for this product, this assessment is based on information for representative substances.

SECTION 13. DISPOSAL INFORMATION

Waste disposal:
Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be
limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government-approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and considerations of product characteristics at time of disposal.

Contaminated packaging:
Empty containers retain residue (liquid and/or vapour) and can be dangerous. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Other regulations:
The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Flash Point > 199 °C (ASTM D-92)

SECTION 14. TRANSPORT INFORMATION

USA DOT	Not regulatory
IMO	Not regulated by IMO
IATA	Not regulated by IATA

SECTION 15. 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 ingredients 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 list below:

Chemical Name	CAS Number	List Citations
Paraffinic Extract	64742-54-7	TIP

Regulatory list searched

1 = ACGIH ALL	**14 = TSCA 6**
2 = ACGIH A1	**15 = TSCA 12b**
3 = ACGIH A2	**16 = CA P65**
4 = NTP	**17 = CA RTK**
5 = NTP A	**18 = FL RTK**
6 = IAC 1	**19 = IL RTK**
7 = IAC 2A	**20 = LA RTK**
8 = IARC 2B	**21 = MI 293**
9 = OSHA	**22 = MN RTK**
11 = TSCA 4	**23 = NJ RTK**
12 = TSCA 5e2	**24 = PA RTK**
13 = TSCA 5a	**25 = RI RTK**

Code Key:
CARC = Carcinogen
SUS = Suspected Carcinogen

SECTION 16. OTHER INFORMATION

Note:
Products do not contain PCBs.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for any other applications. In any case, the following advice should be considered:

FIRST AID:
Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapour, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical attention. Read and understand the MSDS before using this product.

INJECTION INJURY WARNING:
If product is injected into or under the skin, or
into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a doctor as a surgical emergency. Even though initial symptoms from high-pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

SAFETY:
Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures

SECTION 17. 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. We therefore assume all risks of use of the product. Nothing herein shall be construed as a guarantee or warranty. We make no 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 retail patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and use .

Prepared by	NONA INDUSTRIAL CC Product Technical Services

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