

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

**Chicago Manufacturing And Distribution Co., Inc.
Extreme Pressure Lube #3**

IMPORTER NAME

IMPORTER – AUSTRALIA

Hendrickson Asia Pacific Pty Ltd
32-44 Letcon Drive, Bangholme
Victoria 3201

PHONE NUMBER

+61 3 8792 3600
8:30am to 5:00pm EST/EDT

EMERGENCY CONTACT NUMBER – 24 HOUR

Poisons Information Centre – Australia
131 126

IMPORTER – NEW ZEALAND

Hendrickson New Zealand
Unit P, 24 Allright Place
Mt Wellington, Auckland, 1060

PHONE NUMBER

+64 9 570 4721
8:30am to 5:00pm NZST/NZDT

EMERGENCY CONTACT NUMBER – 24 HOUR

National Poisons Centre – New Zealand
0800 764 766 (0800 POISON)

ADDITIONAL INFORMATION

Manufacturer:

Chicago Manufacturing And Distribution Co., Inc.
6268 Main Street, Unit #2, Cass City, MI 48726, USA

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Product use: Lubricant. For industrial use only.

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS HAZARD CLASS

Physical Hazards

Not classified

Health Hazards

Serious eye damage/eye irritation – Category 1
Skin Irritation – Category 2

Environmental Hazards

Not classified

SECTION 2 – HAZARD(S) IDENTIFICATION (continued)

GHS Symbol/Pictogram



Signal Word	Danger
Hazard Statements	Causes serious eye damage Causes skin irritation
Precautionary Statements	
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not eat, drink or smoke when using this product Use explosion-proof electrical/ventilating/lighting/equipment Use only non-sparking tools Avoid breathing dust, fumes, gas, mist, vapours, spray Wash thoroughly after handling Wear protective gloves, protective clothing, eye protection, face protection
Response	IF SWALLOWED: Immediately call a POISON CENTRE/doctor/physician Do not induce vomiting IF ON SKIN: Wash with plenty of water IF ON SKIN (or hair): Remove contaminated clothing. Rinse skin with water If skin irritation occurs, get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing Specific treatment (see First Aid Section 4) In case of fire: Use foam, CO2, dry chemical
Storage	Store in a well-ventilated place. Keep container closed when not in use Keep cool Store locked up
Disposal	Dispose of contents/container in accordance with local/state/ national regulations Avoid release to the environment

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance _____ Mixture _____X_

Chemical Name	CAS#	%
Highly Refined Petroleum Oils *	64742-52-5 64742-54-7	60-70%
Oleyl Alcohol Ethoxylate Phosphate	39464-69-2	16-18%
Polyethylene Glycol Monooleyl Ether Phosphate	9004-98-2	1-2%
Microcrystalline Wax *	63231-60-7	10-20%
Hydrogenated Rosin *	65997-06-0	1-10%

* Not OSHA/GHS Hazardous

SECTION 4 – FIRST AID MEASURES

Description Of Necessary First Aid Measures Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Immediately call a poison centre/doctor.

Skin Contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected gas or vapour is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention. If necessary, call a poison centre or physician. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion

Get medical attention immediately. Call a poison centre or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media

Suitable

Foam, CO2, dry chemicals, water fog or mist.

Unsuitable

Do not use water jet.

Specific Hazards

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Hazardous Decomposition Products

Oxides of carbon, sulphur, phosphorous

Special Precautions – Fire Fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Move containers from fire area if it can be done without risk. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment – Fire Fighters

Wear positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures For Non-Emergency Personnel

Take no action involving personal risk without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Floors may be slippery, use care to avoid falling.

For Emergency Responders

If specialised clothing is required to deal with the spillage, take note of any information in [Section 8](#) on suitable and unsuitable materials. See also the information in “For Non-Emergency Personnel”.

Environmental Precautions

Avoid dispersal of spilled products and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product causes environmental pollution.

Methods And Materials For Containment And Cleaning Up Small Spill

Stop leak if without risk. Eliminate ignition sources. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill

Stop leak if without risk. Eliminate ignition sources. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

SECTION 7 – HANDLING & STORAGE

Precautions For Safe

Handling Protective Measures

Put on appropriate personal protective equipment (See [Section 8](#)). Do not swallow. Avoid contact with eyes, skin, clothing. Avoid breathing vapour and mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice On General Occupational Hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also [Section 8](#) for additional information on hygiene measures.

Conditions For Safe Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see [Section 10](#)) and food and drink. Keep away from heat, sparks and open flame. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Ingredient Name	Exposure Limits	
Highly Refined Petroleum Oil *	ACGIH TLV-TWA	5 mg/m3 As Mist; 8 Hours
	NIOSH STEL	10 mg/m3 As Mist
	NIOSH TWA	5 mg/m3 As Mist; 8 Hours
	OSHA PEL-TWA	5 mg/m3 As Mist; 8 Hours

* Not OSHA/GHS hazardous

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

Hygiene Measures

Wash hands, forearms and face thoroughly after handling chemical products and before eating, smoking or using the lavatory as well as at the end of the work period. Wash contaminated clothing before reusing.

Respiratory Protection

A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Eye Protection

Safety glasses equipped with side shields in conjunction with a face shield are recommended in industrial settings.

Skin Protection

Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance

Physical State	Solid
Colour	Dark Amber
Odour	Mild hydrocarbon
Odour Threshold	Not available
pH	None
Melting Point	54° C (130 F)
Freezing Point	54° C (130 F)
(Pour Point)	
Initial Boiling Point	>260° C (500 F)
Boiling Range	>260° C (500 F)
Drop Point	54° C (130 F)
Flash Point	>199° C (390 F)
Evaporation Rate	Does not evaporate

Explosive Limits

Upper	Not available
Lower	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	0.9426
Density	0.94 kg/l (7.85 Pounds/gallon)
Solubility	Insoluble in water

Auto Ignition Temperature >315° C (600 F)

Decomposition Temperature	Not available
Viscosity	40 cst @ 100 C (est); Solid at room temperature
Partition coefficient	Not available
(n-octanol/water)	
Volatile Organic Compounds	Not determined

SECTION 10 – STABILITY & REACTIVITY

Reactivity

Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS definitions

Chemical Stability

This product is stable under normal conditions.

Possibility Of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions To Avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.

Incompatible Materials

Reactive or incompatible with the following materials: Strong oxidising agents.

Hazardous Decomposition Products

Oxides of carbon and sulphur, phosphorous

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary Routes Of Exposure: Eye contact, Ingestion, Inhalation, Skin contact

Acute Toxicity: Not acutely toxic

Information On Toxicological Effects - Effects Of Overexposure

Inhalation	Vapours can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, light-headedness, and stupor (CNS depression).
Skin Contact	Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.
Eye Contact	Contact with the eye causes serious eye damage. May cause tearing, redness and discomfort.
Ingestion	This material may be harmful or fatal if swallowed or liquid is aspirated into lungs. Ingestion may cause gastrointestinal tract irritation. May cause diarrhoea.
Chronic Hazards	Defatting of the skin.

Sensitisation

Respiratory	Not classified
Skin Sensitisation	Not classified
Germ Cell Mutagenicity	Non-mutagenic based on Modified Ames Assay
Carcinogenicity	This product is not listed as a carcinogen by IARC, OSHA, NTP.
Fertility Effects	Not classified

Specific Target Organ Toxicity

Single Exposure	Not classified
Repeated Exposure	Not classified
Aspiration Hazard	Not classified

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Not available

Persistence & Degradability

Not available

Bio-Accumulative Potential

Not available

Mobility In Soil

Not available

Other Adverse Effects

No known significant effects or critical hazards.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods

Waste generation should be avoided or minimised wherever possible. Dispose of in accordance with national, state, and local regulations. After the container has been emptied, it may contain hazardous residues. Avoid sparks and open flame. Do not cut, puncture, or weld on or near the container. Do not reuse the container for any purpose until properly reconditioned.

RCRA Classification

Hazardous waste

SECTION 14 – TRANSPORT INFORMATION

DOT

UN#	Not regulated
UN SHIPPING NAME	Petroleum oil, nos

Transport Hazard classNone

Packing Group	None
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IATA

Not Regulated

SECTION 15 – REGULATORY INFORMATION

TSCA Inventory : All product ingredients are listed on the chemical inventory

US OSHA - Status : Hazardous

SARA Section 302 – Emergency Planning : No listing

Chemical Reporting:

SARA 304 Release : No Established RQ/TPQ

SARA 313 : Glycol ethers <3%

CERCLA Release : No Established RQ

SARA Section 311/312

Physical Hazard : No

Health Hazard : Yes

Clean Air Act

Ozone Depleting Compounds : No listing

Section 112 (r) , TQ : No listing

Hazardous Air Pollutants : No listing

SECTION 16 – OTHER INFORMATION

The above mentioned information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition the person receiving it shall make his own determination as to the suitability of the material for his particular use and on the condition he assume the risk of his use thereof.

HMIS HAZARD CLASS:

Health 3 (Serious)

Fire 1 (Slight)

Reactivity 0 (Least)

Personal Protection B

Revision

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