

Safety Data Sheet



Section 1 - Identification of the Material and Supplier

Product Name: Product Star XL
Code: R72
Product Use: Additive Concentrate
Supplier: Oil Intel Limited
56 Whakatu Road, Whakatu
Hastings 4172
NEW ZEALAND
Phone: +64 (06) 871 53 25
Fax: +64 (06) 870 48 90

EMERGENCY

TELEPHONE NUMBER: 0800 734 607 (New Zealand)

Chemical Nature: Product containing mineral oil with less than 3% DMSO extract as measured by IP346.

Creation Date: December 2013

This Version Issued: July 2018 and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Dangerous in accordance with Directive(s) 67/548/EEC and/or 1999/45/EC.

Symbol(s): Xi – Irritant, N – Dangerous to the environment.

Risk Phrases: R-36/38 – Irritating to eyes and skin. R-51-53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases: S-60 – This material and its container must be disposed of as hazardous waste. S-61 – Avoid release into the environment. Refer to special instructions/Safety Data Sheets. S-24/25 – Avoid contact with skin and eyes.

Environmental Properties: Should not be released into the environment.

Physical and Chemical Properties: Contaminated surfaces will be extremely slippery.



Xi – Irritant



N - Dangerous for the environment

Phone: | +61 (03) 9861 8668

Poisons Information Centre: 13 11 26 from anywhere in Australia, 0800 764 766 in New Zealand

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	Classification
Long chain alkenyl phosphonate		<25	Xi;R-38
Long chain alkylamine		<5	Xn;R-22-48/20,C;R-34, R;R-23/24,R-43,N;R-50-53
Calcium long chain alkylphenate sulphide		<2.5	R-53
P-dodecylphenol	104-43-8	<0.3	Xi;R-38,N;R-50-53,Repr. Cat3;R-62

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 in New Zealand and is available at all times. Have this MSDS with you when you call.

Inhalation: Move to fresh air. An additive present in the composition of this product would require a classification; however available experimental data indicates that no classification is required.

Skin Contact: Remove contaminated clothing and shoes. Wash off with soap and water. Wash contaminated clothing before reuse. Irritating to skin. May produce an allergic reaction. Harmful in contact with skin. An additive present in the composition of this product would require a classification; however available experimental data indicates that no classification is required.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Irritates the eyes.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Section 5 - Fire Fighting Measures

Fire & Explosion Hazards: Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

Extinguishing Media: Suitable extinguishing media include carbon dioxide, ABC powder, foam and water spray or fog. Do not use a solid water stream as it may scatter and spread the fire.

Fire Fighting: Wear self-contained breathing apparatus and protective suit. Cool containers/tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6 - Accidental Release Measures

Accidental Release: Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Do not allow material to contaminate the ground water system. Try to prevent the material from entering drains or water courses. Local authorities should be advised if significant spillages cannot be contained. Dam up and contain the spillage then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling: When using, do not eat, drink or smoke. For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharges; ground/bond containers, tanks and transfer/receiving equipment. Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product contaminated with rags into work-wear pockets.

Storage: Keep away from food, drink and animal feeding stuffs. Keep in a bunded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels off the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Protect from frost, heat and sunlight. Protect from moisture. Keep away from strong oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS221** No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Exposure Limits: Oil mist: 10mg/m³ for 15 minutes. Oil mist: 5mg/m³ for 8 hours.

Engineering Measures: Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

General Information: If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied. The product should not be allowed to enter drains, water course or the soil.

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a respirator with a combination filter for vapour/particulate (EN 141). The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.

Eye Protection: If splashes are likely to occur, wear safety glasses with side-shields.

Skin Protection: Wear suitable protective clothing such as protective shoes or boots and long sleeved clothing. **Hand**

Protection: Hydrocarbon-proof gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which

the product is used, such as the danger of cuts and abrasions. If used in solution, or mixed with other substances, and under conditions which differ from EN374, contact the supplier of the EC approved gloves.

Section 9 - Physical and Chemical Properties:

Physical Description & Colour:	Brown liquid
Odour:	Slight odour
Flashpoint:	105°C
Density:	0.895 at 15°C
Water Solubility:	Insoluble
Kinematic Viscosity:	25mm ² /sec at 40°C (ISO 3104)

Section 10 - Stability and Reactivity

Reactivity: Stable under normal storage conditions.

Conditions to Avoid: Heat (temperatures above flashpoint), sparks, ignition points, flames, static electricity.

Incompatible Materials: Strong oxidising agents.

Section 11 - Toxicological Information

Inhalation: Not classified. An additive present in the composition of this product would require a classification; however, available experimental data indicates that no classification is required. Inhalation of vapours in high concentration may cause irritation of the respiratory system.

Skin Contact: Irritating to skin. May produce an allergic reaction. Harmful in contact with skin, not classified. An additive present in the composition of this product would require a classification; however available experimental data indicates that no classification is required. Characteristic skin lesions (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing.

Eye Contact Irritating to eyes.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Sensitization: Not classified as a sensitizer. The supplier of one of the components contained within this formulation has indicated that they have data, which confirms that at the concentration used, no sensitisation classification is required. Contains sensitizer(s). May produce an allergic reaction.

Mutagenicity: This product is not classified as mutagenic.

Carcinogenicity: This product is not classified carcinogenic.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

Section 12 - Ecological Information

Ecotoxicity: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Mobility:

- **Air:** Loss by evaporation is limited.
 - **Soil:** Given its physical and chemical characteristics, the product generally shows low soil mobility. -
Water: The product is insoluble; it spreads on the surface of the water.
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Section 13 - Disposal Considerations

Disposal: Should not be released into the environment. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Where possible, recycling is preferred to disposal or incineration. After use, this oil must be sent to a licensed waste oil facility. Incorrect disposal of used oil poses a risk to the environment. Mixture with other waste types such as solvents, brake and cooling liquids is forbidden. Empty containers should be taken to an approved waste handling site for recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14 - Transport Information

ADN Code: 3082

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.

Hazard Class: 9

Hazard Labels: 9 **Packing Group:** III

Environmental Hazard: Yes

Classification Code: M6

Special Provisions: 274, 335,
601

Limited Quantity: LQ7

Section 15 - Regulatory Information

New Zealand Regulatory Information:

HSNO Approval Number HSR002605

HSNO Group Standard Lubricants (Low Hazard) Group Standard 2006

HSNO Classification 6.3 - SKIN IRRITATION - Category B
6.4 - EYE IRRITATION - Category A (Irritant)
9.1 - AQUATIC ECOTOXICITY - Category D

Regulation according to other foreign laws: AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC **CAS number** Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters

IARC International Agency for Research on Cancer

NOS Not otherwise specified

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

UN Number United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This MSDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011) Copyright © Kilford & Kilford Pty Ltd, October, 2015. <http://www.kilford.com.au/> Phone (02)9251 4532