SAFETY DATA SHEET

REDUCTEUR H-72

Infosafe No.: FBCFN
ISSUED Date : 30/11/2016
ISSUED by: EHI (Australia) Pty Ltd

1. IDENTIFICATION

GHS Product Identifier
REDUCTEUR H-72

Company Name
EHI (Australia) Pty Ltd

Address
29 Excellence Drive Fax: Wangara,
WA AUSTRALIA

Telephone/Fax Number
Tel: (08) 9406 6333 (office hours)
Fax: (08) 9406 6331

Emergency phone number
13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

Recommended use of the chemical and restrictions on use
Product Use: Lubricant.

Additional Information
Chemical nature: Mixture of aliphatic hydrocarbon (de-aromatised) and ethoxylated alcohol.

This version issued: October, 2016 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Signal Word (s)
DANGER

Hazard Statement (s)
H223 Flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336 May cause drowsiness or dizziness.

Precautionary Statement (s)
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s)
Flame,Gas cylinder,Exclamation mark,Health hazard



Precautionary statement – Prevention
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P281 Use personal protective equipment as required.

Precautionary statement – Response
P312: Call a POISON CENTRE or doctor if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P372: Explosion risk in case of fire.
P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statement – Storage
P403+P235: Store in a well-ventilated place. Keep cool.
P410+P412: Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C.
P405: Store locked up

Precautionary statement – Disposal
P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Other Information
SUSMP Classification: None allocated.
ADG Classification: Class 2.1: Flammable gases.
UN Number: 1950, AEROSOLS

HAZARD CLASSES
FLAMMABLE AEROSOLES
GASSES UNDER PRESSURE
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
ASPIRATION TOXICITY
SENSITISATION OF THE RESPIRATORY TRACT OR THE SKIN

HAZARD CATEGORIES
1, 1A, 1B, Compressed Gas

Emergency Overview:
Physical Description & colour: Clear orange coloured liquid.
Odour: Aromatic odour.
Major Health Hazards: no significant risk factors have been found for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Alkanes, C3-4	68475-59-2	35 %
Other non hazardous ingredients	Secret	to 100%

Other Information
Liquid component is a mixture of aliphatic hydrocarbon (de-aromatised) and ethoxylated alcohol.

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

The 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 should not be exceeded for more than 15 minutes and should not be repeated for 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.

4. FIRST-AID MEASURES

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 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Ingestion
If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Skin
Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye contact
No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Specific Methods
If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Specific Hazards Arising From The Chemical
This product is classified as a C1 combustible product. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.
Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Conditions for safe storage, including any incompatibilities
Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you probably require a license to do so. If you have any doubts, we suggest you contact your licensing authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls, Personal Protection
The following Australian Standards will provide general advice regarding safety clothing and equipment:
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/NZS2210.

Occupational exposure limit values
SWA Exposure Limits: Butane/propane mixture
TWA (mg/m3): 1900 (butane)
STEL (mg/m3): not set

Appropriate Engineering Controls
Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Respiratory Protection
Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eye Protection
Eye protection such as protective glasses or goggles is recommended when this product is being used.

Personal Protective Equipment
Protective Material Types: There is no specific recommendation for any particular protective material type.

Body Protection
The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form
Liquid

Appearance
Clear orange coloured liquid.

Odour
Aromatic odour.

Boiling Point
196-237°C at 100kPa

Solubility in Water
Insoluble.

Specific Gravity
No data.

Vapour Pressure
No data.

Vapour Density (Air=1)
No data.

Evaporation Rate
No data.

Coefficient Water/Oil Distr.
No data.

Odour Threshold
No data.

Volatile Component
No specific data.

Flash Point
Propellant gas is highly flammable; liquid is combustible.

Flammability
Flammability Class: C1

Auto-Ignition Temperature
No data.

Flammable Limits - Lower
Not available

Flammable Limits - Upper
Not available

Melting/Freezing Point
No specific data. Liquid at normal temperatures.

Other Information
Volatility: No data.

10. STABILITY AND REACTIVITY

Reactivity
This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid
This product should be kept in a cool place, preferably below 30°C. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.

Incompatible materials
Strong oxidising agents.

Hazardous Decomposition Products
Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Hazardous Polymerization
This product is unlikely to undergo polymerisation processes.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
Target Organs: There is no data to hand indicating any particular target organs.

CLASSIFICATION OF HAZARDOUS INGREDIENTS
Ingredient Risk Phrases
No hazardous ingredients present in hazardous concentrations.

Ingestion
Short term exposure: Available data shows that this product is not harmful. This product is unlikely to cause any irritation problems in the short or long term.
Long Term exposure: No data for health effects associated with long term ingestion.

Inhalation
Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.
Long Term exposure: No data for health effects associated with long term inhalation.

Skin
Short term exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.
Long Term exposure: No data for health effects associated with long term skin exposure.

Eye
Short term exposure: Available data shows that this product is not harmful. If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.
Long Term exposure: No data for health effects associated with long term eye exposure.

Carcinogenicity
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

12. ECOLOGICAL INFORMATION

Ecological information
This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Dispose of small quantities and empty containers by wrapping with paper and putting with domestic garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

14. TRANSPORT INFORMATION

U.N. Number
1950

UN proper shipping name
AEROSOLS

Transport hazard class(es)
2.1

IERG Number
49

Other Information
Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.
UN Number: 1950, AEROSOLS
Hazchem Code: 2YE
Special Provisions: 63, 190, 277

Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.
Dangerous Goods Class: Class 2.1, Flammable gases.
Packaging Group: Not set
Packaging Method: P003
Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

15. REGULATORY INFORMATION

Regulatory information
This product is compliant with NICNAS regulations.

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION

User Codes

User Title Label	User Codes
Task #	30003
Task #	30438
Transcription Sign Off	30003 AF 30072019

Other Information
Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

This SDS 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 firefighters
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

Please read all labels carefully before using product.
This SDS 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, November, 2016.
http://www.kilford.com.au/ Phone (02)9251 4532

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown.
Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS

© Copyright Chemical Safety International Pty Ltd
Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.
Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.
The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.
Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.