

SAFETY DATA SHEET

AC-53 QAT Chain Lube

Infosafe No.: 5GEH5
Issued Date: 01/11/2016
Issued by: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier

AC-53 QAT Chain Lube

Product Code

AC-53

Company Name

AUSTECH CHEMICALS PTY LTD (ABN 84 124 370 761)

Address

45 Magnesium Street Narangba
QLD 4504 Australia

Telephone/Fax Number

Tel: 07 3204 8511

Fax: 07 3204 8522

Emergency phone number

07 3204 8511

E-mail Address

nicholas@auschem.com

Recommended use of the chemical and restrictions on use

Chain lubricant

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

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Acute Toxicity - Oral: Category 4

Carcinogenicity: Category 2

Eye Damage/Irritation: Category 1

Flammable Aerosol: Category 2

Skin Corrosion/Irritation: Category 2

Toxic to Reproduction: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

Risk of explosion if heated under confinement.

Flammable aerosol.

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Pictogram (s)

Flame,Corrosion,Exclamation mark,Health hazard

**Precautionary statement – Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Wash contaminated skin thoroughly after handling

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

Precautionary statement – Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

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 CENTER or doctor/physician.

IF exposed or concerned: Get medical advice/attention.

Precautionary statement – Storage

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Butane	106- 97- 8	<60 %
Propane	74- 98- 6	<60 %
Dichloromethane	75- 09- 2	10- 30 %
Oleylamine, ethoxylated	26635- 93- 8	0- 10 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		-

4. FIRST-AID MEASURES

First Aid Measures

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

Inhalation

Do not breathe vapour. Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. If patient is unconscious and breathing, place them in the coma position, check airway and observe. Administer oxygen if breathing is difficult. Apply resuscitation if victim is not breathing. Obtain immediate medical care.

Ingestion

Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with water. If swallowed, do NOT induce vomiting. Wash mouth out with water, give water to drink & seek medical advice.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water for 15 minutes.

Eye contact

Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.

First Aid Facilities

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor

Treat symptomatically. Show this M.S.D.S. to the medical practitioner.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures

Flammable gas. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Suitable Extinguishing Media

Small fire: Water spray, carbon dioxide or dry chemical powder.

Large Fire: Water spray or fog.

Use equipment/media appropriate to surrounding fire conditions. Fight fire from protected position or use unmanned hose holders or monitor nozzles. If safe to do so, move undamaged containers from fire area. Do not approach hot containers. Cool containers with water before handling. If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Hazards from Combustion Products

Heat or damage to containers can release flammable / poisonous gases.

Extremely flammable. Pressurised dispenser. Closed containers may rupture when exposed to heat greater than 50 C. Ruptured containers will rocket.

Released gases can form explosive mixtures with air. Hazardous concentrations can accumulate in a confined space. Released gases can travel to source of ignition and flash back. Fire can produce irritating, poisonous and corrosive gases. Propellant is extremely flammable and heavier than air.

Special Protective Equipment for fire fighters

High concentration of gas could cause dizziness or asphyxiation without warning. Released gases are harmful. Wear SCBA and protective gloves. If large amounts are involved, wear SCBA and chemical splash suit.

Hazchem Code

2YE

Other Information

Flammable liquid and vapour. Vapour may cause flash fire. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Immediately contact police or fire brigade. Spill or leak area should be isolated immediately for at least 8 m in all directions. Eliminate all sources of ignition within at least 15 m. Keep unauthorised personnel away. Keep upwind and to higher ground. When a large quantity is involved in a fire, consider initial evacuation for at least 100 m in all directions. Send message to police and fire brigade. Tell them the location, material, UN Number, quantity and emergency contact as well as damage observed.

Spills & Disposal

Avoid concentrated spillage from entering drains or watercourse. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.

Clean-up Methods - Small Spillages

Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 15 m.

All equipment used when handling the product must be earthed.

If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area.

Avoid release to the environment. Do not empty into drains. Absorb in inert absorbent material for disposal by an approved method and / or local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Spray in a well ventilated area. Do not breathe vapour. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.

Avoid static charge and discharge with high concentrations and in confined space. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

Conditions for safe storage, including any incompatibilities

Store in a well ventilated area. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn this can, even when empty. Store away from corrosive products. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

SWA exposure limits: None established for this product. Avoid exposure & obtain special instructions before use.

T.W.A. for dichloromethane = 50ppm

T.W.A for Butane = 800ppm

Propane is an asphyxiant.

Do not breathe gas/fumes/vapour spray

Biological Limit Values

None established

Appropriate Engineering Controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

Eye Protection

Wear safety glasses

Hand Protection

Wear protective gloves

Personal Protective Equipment

Respiratory Protection: Avoid breathing vapours. Where ventilation is not adequate, respiratory protection may be required. Refer to AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Aerosol - fine, clear spray

Odour

solvent like

Solubility in Water

Not soluble

Specific Gravity

0.55-0.65

Flash Point

(propellant) -104 to -60C

Flammability

Flammable

Auto-Ignition Temperature

(propellant) 494C to 600C

Flammable Limits - Lower

(propellant) 1.5% in air (v/v)

Flammable Limits - Upper

(propellant) 9.6% in air (v/v)

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of storage and use. Avoid heat sources.

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.

Avoid static charge and discharge with high concentrations and in confined space.

Avoid damp conditions.

Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this MSDS.

Incompatible materials

Can react violently with oxidising agents - chlorine, pool chlorine or nitric acid.

Possibility of hazardous reactions

Not available

11. TOXICOLOGICAL INFORMATION

Ingestion

Unlikely due to high volatility of product, but is harmful, may cause lung damage if swallowed.

Inhalation

May cause light-headedness, dizziness and drowsiness. Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

Skin

May cause cold burn. Irritating to skin.

Eye

Liquid will cause severe damage. Vapour may irritate.

Health Hazard

R40: Limited evidence of carcinogenic effect

Vapours may cause drowsiness & dizziness

12. ECOLOGICAL INFORMATION

Ecotoxicity

Propellant will vaporise rapidly when released to atmosphere.

Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.

Other Information

Avoid contaminating waterways

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Cans may be disposed of by putting in garbage or leaving at an appropriate metal recycling collection point. Do not pierce or burn, even when empty.

14. TRANSPORT INFORMATION

Transport Information

Dangerous Goods of Class 2.1 Flammable Gases, or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following: - Class 1, Class 3, if both the Class 2.1 and Class 3 dangerous goods are in bulk, Class 4, Class 5, and Class 7.

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

IERG Number

49

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients listed

16. OTHER INFORMATION

Other Information

MSDS version: 4

Reason for revision: GHS Update

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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.