



SAFETY DATA SHEET

EC3 - GENERAL PURPOSE DEGREASER

Infosafe No.: 7EFLE
ISSUED Date : 14/02/2019
ISSUED by: JASOL AUSTRALIA

1. IDENTIFICATION

GHS Product Identifier

EC3 - GENERAL PURPOSE DEGREASER

Product Code

2035460

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE
VIC AUSTRALIA

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

General purpose degreaser.

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.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 2A

Sensitization - Skin: Category 1A

Signal Word (s)

WARNING

Hazard Statement (s)

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Pictogram (s)

Exclamation mark

**Precautionary statement – Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

Precautionary statement – Disposal

P501 Dispose of contents/container to

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
2- (2- Butoxyethoxy) ethanol	112- 34- 5	<10 %
Alkyl polyglycosides (C8- C10)	68515- 73- 1	<5 %
Glutamic acid, N, N- diacetic acid, tetrasodium salt	51981- 21- 6	<5 %
Glycine, N- (hydroxymethyl) - , monosodium salt	70161- 44- 3	<0. 5 %
Citric Acid	77- 92- 9	<0. 1 %
Ingredients determined not to be hazardous		Balance

4. FIRST-AID MEASURES

Inhalation

Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.

Ingestion

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek medical attention.

Skin

If on skin, wash with plenty of water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before re-use.

Eye contact

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Product contains <10% glycoethers in aqueous solution. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products

Water vapour, carbon dioxide and oxides of nitrogen. Incomplete combustion may generate carbon monoxide.

Specific Methods

In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.

Specific Hazards Arising From The Chemical

Not a fire hazard. Not an explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

Store in cool place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Appropriate Engineering Controls

None for normal domestic use. If handling industrial quantities, consider local mechanical exhaust/extraction to keep airborne concentration below TLV.

TLV: Threshold Limit Value

Personal Protective Equipment

Wear rubber or plastic gloves and eye protection. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Brown liquid with characteristic odour. Water based.

Colour

Brown.

Odour

Slight fruity odour.

Boiling Point

100C

Solubility in Water

Miscible with water in all proportions.

Specific Gravity

1.0

pH

11.5

Vapour Pressure

Not available.

Flash Point

N/a

Flammability

Not flammable.

10. STABILITY AND REACTIVITY

Chemical Stability

Product is chemically stable.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this product. Toxicity data for individual ingredients is listed below:

Acute Toxicity - Oral

Mixed surfactants:

LD50 (rat) oral: 1800-3400mg/kg

Glutamic acid, N,N-diacetic acid,
tetrasodium salt:

Acute toxicity estimate (oral): > 5,000 mg/kg

Alkyl polyglycosides (C8-C10)(oral):

Data indicate LD50 > 2000mg/kg

2-(2-butoxyethoxy) ethanol:

LD50 (rat) Oral: >2000mg/kg

LD50 (mouse) Oral: 2410mg/kg (OECD401)

Glycine, N- (Hydroxymethyl)-, Monosodium Salt:

LD50 (Rat) Oral: 2100mg/kg

Acute Toxicity - Inhalation

2-(2-butoxyethoxy) ethanol:

Inhalation risk test (IRT): >29ppm/2h rat (BASF)

Glycine, N- (Hydroxymethyl)-, Monosodium Salt:

LC50 (Rat) Inhalation: 6mg/L Exposure time: 4.5hr

Acute Toxicity - Dermal

2-(2-butoxyethoxy) ethanol:

LD50 (Rabbit) Dermal: >2000mg/kg

LD50 (Rabbit) Dermal: 2764mg/kg (OECD 402)

Ingestion

May irritate throat and gastrointestinal tract. May cause gastric upset.

Inhalation

Vapour is irritant to mucous membranes and respiratory tract.

Skin

Will have a strong degreasing effect on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Eye

Causes serious eye irritation. Vapour can also irritate the eyes.

Skin Sensitisation

May cause an allergic skin reaction.

12. ECOLOGICAL INFORMATION

Ecological information

Product is GECA (Good Environmental Choice Australia) certified. Product is based on readily biodegradable surfactants. Contains ingredients based on renewable resources i.e. plant based raw materials.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.

14. TRANSPORT INFORMATION

Transport Information

Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS updated: Jan 2019

SDS reviewed: Sep 2018

SDS Created: Dec 2016

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

The Company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766,

END OF SDS

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