

SAFETY DATA SHEET

WETTING AGENT

Infosafe No.: 1HH1G
ISSUED Date : 01/05/2018
ISSUED by: CULBEAG HOLDINGS Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

WETTING AGENT

Company Name

CULBEAG HOLDINGS Pty Ltd (ABN 95 007 197 079)

Address

19 Allied Drive Tullamarine
VICTORIA 3043 Australia

Telephone/Fax Number

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Emergency phone number

03 9335 4400

Emergency Contact Name

Mr Ian Cameron

E-mail Address

sales@culbeag.com.au

Recommended use of the chemical and restrictions on use

As a wetting agent to aid the cleaning of concrete and cement surfaces with hydrochloric acid.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

GHS 3rd edition Classification:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.(1)

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.(7th edition)(2)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Polyoxyethylene polyoxypropylene block copolymer	9003-11-6	more than 99.5%

4. FIRST-AID MEASURES

Inhalation

Remove affected personnel from exposure location with care to avoid exposure of first aid person. Remove contaminated clothing, loosen clothing, make patient comfortable. Rest until recovered. Seek medical attention if effects persist.

Ingestion

Never give fluids or induce vomiting if the patient is unconscious or having convulsions.

Rinse mouth with water but DO NOT swallow rinse water. Then give water to drink slowly - 2 glasses. Seek medical assistance.

Skin

If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water. If irritation occurs and persists seek medical attention. Wash contaminated clothing before re-use.

Eye contact

If eye contact occurs hold eyelid(s) open while washing/irrigating eye(s) with flowing water for about 15 minutes. If irritation occurs and persists seek medical attention.

First Aid Facilities

Safety shower, eye wash facility. Drinking quality water. If product used in open environment have hose with spray head available for washing and a portable eye wash unit.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Do NOT use water jets. For large fire use water fog, fine water spray or foam. For a small fire use foam, dry chemical carbon dioxide or water spray.

Hazards from Combustion Products

When burning, product will generate toxic fumes containing carbon dioxide and carbon monoxide.

Special Protective Equipment for fire fighters

Firefighters to wear standard fire firefighters uniform/clothing and self contained breathing apparatus if there is a risk of exposure to vapour or products of combustion.

Specific Hazards Arising From The Chemical

Combustible liquid - Class C2. Flash point is greater than 150°C.

Precautions in connection with Fire

Heating of sealed containers can cause expansion of the the product or decomposition leading to violent rupturing of the containers. Keep containers cool with a water spray. If safe to do so move containers from path of fire.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Spilled product makes surfaces slippery. Prevent entry of product and wastes into drains and waterways. Avoid slipping, clean up spilled product promptly using an absorbent material such as sawdust, dry sand, soil or an absorbent clay. Wear protective equipment and clothing while cleaning up spill to prevent eye and skin contact. Avoid contact with spilled product and wastes. Collect product and associated waste materials in sealed, labelled container for disposal. Wash area of spill thoroughly with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid eye contact and frequently repeated or prolonged skin contact. Wash contaminated clothing and other protective equipment before storage or re-use. See Section 8 - Hygiene Measures for personal cleaning guide.

Conditions for safe storage, including any incompatibilities

Store in a cool place and out of direct sunlight. Store away from oxidising agents. Keep container closed at all times when not in use. Check for leakage.

Classified as a C2 - COMBUSTIBLE LIQUID (but not classified as a dangerous good)(1) for the purpose of storage in accordance with the State and Territorial regulations for the storage and handling of dangerous goods.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

A National Exposure Standard (NES)[3] has not been established or proposed for this product by Safe Work Australia (SWA)[4].

Appropriate Engineering Controls

Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment

Wear approved long sleeve overalls, safety shoes or boots[5], safety glasses with side shields [6,7], Use approved gloves impervious to the product (8). If a risk of inhalation exposure from spray mists exists wear an approved (9,10] half face-piece respirator fitted with a filter suitable for organic particulates.

Hygiene Measures

It is a good work practice to wash hands, arms and face before eating, drinking or using toilet facilities and at the end of each work period.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear to hazy liquid.

Solubility in Water

Soluble.

Solubility in Organic Solvents

Soluble in simple esters, alcohols, chlorinated and aromatic hydrocarbons glycol ethers and vegetable oils. NOT soluble in kerosene, mineral and parafinic oils.

Specific Gravity

1.032

pH

1% aqueous solution has pH of 5 - 8.

Flash Point

Greater than 150°C

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use.

Conditions to Avoid

Excessive heat will lead to accelerated oxidative degradation.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

Acute oral (rat)LD50 is 2300 mg per kg.

Inhalation(rat)LC50 is 32mg/L/4hr.

Eye Irritation Test on rabbit classifies the product as a slight irritant.

Skin irritation test on rabbit classifies the product as a slight irritant.

Ingestion

No adverse effects expected from swallowing of small amounts incidental to normal handling and use. However swallowing of larger quantities may irritate the gastrointestinal system i.e. your gut and cause nausea,vomiting and possibly diarrhoea.

Inhalation

Inhalation of mists or aerosols may produce respiratory irritation.

Skin

Contact with skin may result in irritation. As the product is a wetting agent the product will have a degreasing action on skin. Frequently repeated or prolonged exposure may lead to irritant contact dermatitis.

Eye

May cause slight irritation of eye if contact occurs.

Other Information

Long term exposure is not likely to produce chronic effects but minimising exposure by all routes is desirable.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not hazardous to aquatic organisms based on the 48 hr LC50 test on Daphnia magna (water flea) of 490 mg per Litre.

Persistence and degradability

The substance is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Empty, triple water-rinsed containers should be forwarded to an approved recycling facility. Avoid discharge of product or wastes to sewer unless authorised.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

NOT classified as a hazardous chemical [1]

NOT classified as a dangerous good for transport by road & rail [2], sea or air.

NOT classified as a Scheduled Poison [11, 12]

Packaging & Labelling

Labelled in accord with relevant Weights and Measures regulations.

Australia (AICS)

The principal ingredient is included in the Australian Inventory of Chemical Substances (AICS) [13].

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Original MSDS (11 August 2008) reviewed, revised and reissued on May 1, 2018 as a Safety Data Sheet (SDS). SDS prepared in accord with the National Code of Practice for Preparing a SDS [14].

References

1. GHS = Globally Harmonised System for the Classification and Labelling Hazardous Chemicals. United Nations publication
2. Australian Dangerous Goods Code, 7th Edition, 2007 as amended.
3. NES = Exposure Standards for Atmospheric Contaminants in the Occupational Environment in exposure standards section of HCIS, as amended. Safe Work Australia.
4. SWA = Safe Work Australia formerly National Occupational Health and Safety Commission.
5. AS/NZS 4501-2008 Occupational protective clothing Parts 1 & 2; Guideline and General requirements respectively.

6. AS/NZS 1337: Eye protectors for the industrial applications.
7. AS/NZS 1336: Recommended practices for eye protection in the industrial environment.
8. AS/NZS Occupational protective gloves, selection, use and maintenance.
9. AS/NZS 1716: Respiratory protective devices.
10. AS/NZS 1715: Selection, use and maintenance of respiratory protective devices.
11. National Poisons Standard - Commlaw website
12. SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons, Therapeutics Goods Authority
13. AICS = Australian Inventory of Chemical Substances maintained by National Industrial Chemicals Notification and Assessment Scheme.
14. National Model Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, Safe Work Australia.

NOTE

HCIS is the Hazardous Chemical Information System managed by SWA.

AS = Australian Standard;

NZS = New Zealand Standard

Contact Person/Point

BUSINESS HOURS: Product Information Officer, (03) 9335 4400

This SDS summarises our best knowledge of the health and safety hazard information of this product and how to safely handle and use the product in the workplace. Each user must review this SDS 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.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is available on our website at www.culbeag.com.au

END OF SDS

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