

SAFETY DATA SHEET

SODIUM THIOSULFATE PENTAHYDRATE

Infosafe No.: 1HH29
ISSUED Date : 01/12/2017
ISSUED by: CULBEAG HOLDINGS Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

SODIUM THIOSULFATE PENTAHYDRATE

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

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

NOT 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*

NOT classified as a Scheduled Poison according to the National Poisons Standard*.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Sodium thiosulfate pentahydrate	10102-17-7	100 %

4. FIRST-AID MEASURES

Inhalation

Remove affected person from exposure.

if effects persist, seek medical attention.

Ingestion

Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert give glass of water to rinse mouth. Do not swallow. Give 2 - 3 glasses of water to drink.

Skin

Flush skin with plenty of water (and soap) for at last 15 minutes. Remove contaminated clothing and footwear. Get medical assistance if irritation develops and persists. Wash clothing before reuse.

Eye contact

Hold eyelids open and flush with flowing water for 15 minutes. Get medical aid or transport to an emergency hospital.

First Aid Facilities

Safety shower and eyewash facility or eye bath. Drinking quality water. Soap.

Advice to Doctor

Treat symptomatically based on the reactions of the patient and medical judgment.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures

Wear self-contained, positive pressure, breathing apparatus and full protective gear suitable for the principal fire source.

Suitable Extinguishing Media

Use extinguishing media appropriate to extinguish the principal fire. Use water spray, dry chemical powder, carbon dioxide or a specific foam.

Decomposition Temperature

Greater than 45°C

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Wearing suitable and appropriate protective clothing and equipment vacuum up or gently sweep spilled product and place in a suitable, labelled container for disposal according to relevant regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Minimise dust generation and accumulation. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep container closed when not in use. Avoid ingestion and inhalation of dust.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids and protect from moisture.

Store in a tightly closed container. Keep from contact with oxidising materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

A Workplace Exposure Standard*(WES)has NOT been established by Safe Work Australia*(SWA)for this substance. However as a precautionary measure a limit of 10 milligram per cubic metre for nuisance dust is recommended; where:-

TWA = Time weighted average concentration of dust measured over an 8 hour work period.

Appropriate Engineering Controls

In general, dilution or general ventilation is satisfactory unless conditions create discomfort or nuisance dust levels are detected then local exhaust ventilation should be considered.

Respiratory Protection

A dust respirator selected and worn in accord with AS/NZS 1716* and AS/NZS 1715* should be worn if conditions cause discomfort to operators.

Eye Protection

Wear safety glasses with sideshields or chemical safety goggles complying with AS/NZS 1337* to protect against dust entering the eyes. Guidance to recommended practices for eye protection in the industrial environment is provided in AS/NZS 1336*.

Wash eyes promptly if eye contact occurs. Ensure that an eye wash facility is readily available in the work area.

Hand Protection

Wear approved occupational protective gloves to prevent skin exposure. Refer to AS/NZS 2161, parts 1 & 2 - Occupational protective gloves for guidance on selection, use and maintenance plus general requirement*.

Body Protection

Wear long sleeved coveralls and foot enclosing footwear. Refer to AS/NZS 4501.1 - Occupational protective clothing, Guidelines for selection, use, care and maintenance* plus AS/NZS 4501.2 - Occupational protective clothing - General requirements*.

Hygiene Measures

It is a good work practice to avoid eye and skin contact, and avoid breathing dust of this product.

In addition it is a good work practice to wash face, hands and arms before eating, drinking or smoking and at the end of each work period.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Colourless to white solid with no odour.

Decomposition Temperature

Greater than 45°C

Melting Point

45°C

Solubility in Water

Soluble.

Specific Gravity

1.73 (water = 1)

Vapour Pressure

Not applicable

Flash Point

Not applicable.

Flammable Limits - Lower

Not applicable

Flammable Limits - Upper

Not applicable.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable.

Conditions to Avoid

Incompatible materials such as acids, moisture, strong oxidants.

Avoid exposure to heat

Incompatible materials

Moisture, strong oxidising agents.

Hazardous Decomposition Products

Oxides of sulfur, hydrogen.

11. TOXICOLOGICAL INFORMATION

Ingestion

May irritate digestive system and cause discomfort - possibly nausea and/or diarrhea.

Inhalation

Inhalation of dust may cause irritation of mucous membranes of respiratory system.

Skin

Prolonged and/or repeated exposure may cause irritation and possibly dermatitis.

Eye

Contact may cause irritation, redness, pain and conjunctivitis.

12. ECOLOGICAL INFORMATION

Environmental Protection

Do not discharge or deposit product or product solution(s) into drains, sewers or watercourses.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of packaging, and waste product in accord with State, Territorial or Commonwealth regulations.

14. TRANSPORT INFORMATION

Transport Information

NOT a DANGEROUS GOOD for transport by road, rail [2] Sea or air.

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 SUBSTANCE* nor a DANGEROUS GOOD* nor as a SCHEDULED POISON*.

Poisons Schedule

Not Scheduled

Packaging & Labelling

Labelling in accord with weights and measures regulations.

Australia (AICS)

Principal ingredient of product is included in Australian Inventory of Chemical Substances*.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

1 December 2017: Revision of an existing SDS and reissued. References converted to * rather than numbers. Revision was to insert the statement "End of SDS" instead of "End of MSDS" and replace "MSDS" where occurring in Copyright statement with 'SDS'.

References

- * GHS = Globally Harmonised System for the Classification and Labelling Hazardous Chemicals. United Nations publication.
- * Australian Dangerous Goods Code, 7th Edition, 2007 as amended.
- * National Poisons Standard formerly Standard for the Uniform Scheduling of Drugs and Medicines [SUSMP]. Available on www.legislation.gov.au
- * WES = Exposure Standards for Atmospheric Contaminants in the Occupational Environment in exposure standards section of HSIS.
- * SWA = Safe Work Australia formerly National Occupational Health and Safety Commission.
- * AS = Australian Standard
- * NZS = New Zealand Standard.
- * AS/NZS 1716: Respiratory protective devices where AS = Australian Standard;; NZS = New Zealand Standard.
- * AS/NZS 1715: Selection, use and maintenance of respiratory protective devices.
- * AS/NZS 1337: Eye protectors for the industrial applications.
- * AS/NZS 1336: Recommended practices for eye protection in the industrial environment.
- * AS/NZS 2161.1 - Occupational protective gloves - Part 1: Selection, use and maintenance;and Part 2: General requirements

- * AS/NZS 4501.1 - Occupational protective clothing - Part 1: selection, use, care and maintenance.
- * AS/NZS 4501.2 - Occupational protective clothing - Part 2: General requirements.
- * AICS = Australian Inventory of Chemical Substances maintained by National Industrial Chemicals Notification and Assessment Scheme.
- * National Model Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, Safe Work Australia.

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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