

SAFETY DATA SHEET

SEPTONE BLUE LUSTRE

Infosafe No.: K1H3J
ISSUED Date : 13/05/2014
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier

SEPTONE BLUE LUSTRE

Product Code

HLBL4, HLBL10, HLBL15, HLBL20BX

Company Name

ITW AAMTECH (ABN 63 004 235 063)

Address

1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA

Telephone/Fax Number

Tel: 1800 177 989

Fax: +61 2 9725 4698; 1800 308 556

Emergency phone number

1800 638 556; 1800 039 008; 0800 2436 2255

E-mail Address

info@aamtech.com.au

Recommended use of the chemical and restrictions on use

Concentrated laundry powder.

Additional Information

Chemical Name: Not Applicable

Proper shipping name: Not Applicable

Other means of identification: Not Available

CAS number: Not Applicable

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Non-Dangerous Goods.

Hazardous substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

| Name | CAS | Proportion |
|--|---------------|------------|
| Sodium carbonate | 497-19-8 | >60 % |
| Ingredients determined not to be hazardous | Not Available | 10-30 % |

Other Information

Substances

See section below for composition of Mixtures

4. FIRST-AID MEASURES

Inhalation

If dust is inhaled, remove from contaminated area.
Encourage patient to blow nose to ensure clear passage of breathing.
If irritation or discomfort persists seek medical attention

Ingestion

If swallowed do NOT induce vomiting.
If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
Observe the patient carefully.
Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
Seek medical advice.

Skin

If skin contact occurs:
Immediately remove all contaminated clothing, including footwear.
Flush skin and hair with running water (and soap if available).
Seek medical attention in event of irritation

Eye contact

If this product comes in contact with the eyes:
Wash out immediately with fresh running water.
Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
Seek medical attention without delay; if pain persists or recurs seek medical attention.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

There is no restriction on the type of extinguisher which may be used.
Use extinguishing media suitable for surrounding area.

Special Protective Equipment for fire fighters

Wear the protective equipment suitable for fighting the principal fire hazard or the source of the fire.

Specific Methods

Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves in the event of a fire.
Prevent, by any means available, spillage from entering drains or water courses.
Use fire fighting procedures suitable for surrounding area.
DO NOT approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

Specific Hazards Arising From The Chemical

None known.

Hazchem Code

Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Clean-up Methods - Small Spillages

Clean up all spills immediately.

Avoid breathing dust and contact with skin and eyes.

Wear protective clothing, gloves, safety glasses and dust respirator.

Use dry clean up procedures and avoid generating dust.

Sweep up, shovel up or

Vacuum up (consider explosion-proof machines designed to be grounded during storage and use).

Place spilled material in clean, dry, sealable, labelled container.

Clean-up Methods - Large Spillages

Moderate hazard.

CAUTION: Advise personnel in area.

Alert Emergency Services and tell them location and nature of hazard.

Control personal contact by wearing protective clothing.

Prevent, by any means available, spillage from entering drains or water courses.

Recover product wherever possible.

IF DRY: Use dry clean up procedures and avoid generating dust.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Limit all unnecessary personal contact.

Wear protective clothing when risk of exposure occurs.

Use in a well-ventilated area.

When handling DO NOT eat, drink or smoke.

Always wash hands with soap and water after handling.

Avoid physical damage to containers.

Use good occupational work practice.

Other information

Keep dry.

Store under cover.

Protect containers against physical damage.

Observe manufacturer's storage and handling recommendations contained within this MSDS.

Conditions for safe storage, including any incompatibilities

Suitable container

DO NOT use aluminium or galvanised containers

Polyethylene or polypropylene container.

Check all containers are clearly labelled and free from leaks.

Storage incompatibility

Sodium carbonate:

aqueous solutions are strong bases

reacts violently with finely divided aluminium, fluorine, lithium, phosphorus pentoxide, sulfuric acid

reacts with fluorine gas at room temperature, generating incandescence.

is incompatible with organic anhydrides, acrylates, alcohols, aldehydes, alkylene oxides, substituted allyls, cellulose nitrate, cresols, caprolactam solution, epichlorohydrin, ethylene dichloride, isocyanates, ketones, glycols, nitrates, phenols, phosphorus pentoxide

2,4,6-

trinitrotoluene

forms explosive material with 2,4,5-trinitrotoluene and increases the thermal sensitivity of 2,4,6-trinitrotoluene (TNT) by decreasing the

temperature of explosion from 297 deg. C to 218 deg. C

attacks metal.

In presence of moisture, the material is corrosive to aluminium, zinc and tin producing highly flammable hydrogen gas.

Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.

Avoid contact with copper, aluminium and their alloys.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

INGREDIENT DATA

Not Available

EMERGENCY LIMITS

Ingredient: sodium carbonate

TEEL-0: 10(ppm)

TEEL-1: 30(ppm)

TEEL-2: 50(ppm)

TEEL-3: 500(ppm)

Ingredient: Septone Blue Lustre

Original IDLH: Not Available

Revised IDLH: Not Available

Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions

Eye Protection

No special equipment for minor exposure i.e. when handling small quantities.

· OTHERWISE:

· Safety glasses with side shields.

· Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the

wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and

adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their

removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.

Hand Protection

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, e.g. PVC.

Thermal Hazards

Not Available

Body Protection

No special equipment needed when handling small quantities.

OTHERWISE:

Overalls.

Barrier cream.

Eyewash unit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Solid

Appearance

Pale blue, powder with a lemon fragrance; mixes with water.

Boiling Point

Not applicable

Solubility in Water

Complete

Specific Gravity

0.88 @ 25°C (tamped bulk density)

pH

11.2 (1% w/v solution)

Volatile Component

0% w/w

Flash Point

This product will not flash and does not support combustion.

Flammability

This product is not flammable under the conditions of use and does not support combustion.

10. STABILITY AND REACTIVITY

Chemical Stability

Considered stable to heat and light.

Conditions to Avoid

None known.

Incompatible materials

Strong acids.

Hazardous Decomposition Products

Reacts exothermically with acids, producing CO₂.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Ingestion

Moderate irritant. Practically non harmful.

Inhalation

Fine dusts are mildly irritating.

Skin

Skin irritant, particularly if moisture is present. Repeated or prolonged skin contact may lead to the onset of dermatitis.

Eye

Moderate eye irritant.

Mutagenicity

None of the components of this product is considered to be a mutagen.

Carcinogenicity

None of the components of this product is considered to be a carcinogen.

Reproductive Toxicity

None of the components of this product is considered to be toxic to the unborn foetus.

Chronic Effects

No known chronic effects.

12. ECOLOGICAL INFORMATION

Ecological information

Toxicity

for sodium carbonate

Environmental Fate

The hazard of sodium carbonate for the environment is mainly caused by the pH effect of the carbonate ion. For this reason the effect of sodium carbonate on the organisms depends on the buffer capacity of the aquatic or terrestrial ecosystem.

Individual aquatic ecosystems are characterized by a specific pH and bicarbonate concentration and the organisms of the ecosystem are adapted to these specific natural conditions. Because the natural pH, bicarbonate and also the sodium concentration (and their fluctuations in time) varies significantly between aquatic ecosystems, it is not considered useful to derive a

generic PNEC or PNEC_{added}. To assess the potential environmental effect of a sodium carbonate discharge, the increase in sodium, bicarbonate and pH should be compared with the natural values and their fluctuations and based on this comparison it should be assessed if the anthropogenic addition is acceptable.

The production and use of sodium carbonate could potentially result in an emission of sodium carbonate and it could locally increase the pH in the aquatic environment. However, the pH of effluents is normally measured very frequently and can be adapted easily and therefore a significant increase of the pH of the receiving water is not expected.

|The anionic surfactant used in this product is readily biodegradable when tested according to AS1792-1976 and is classified as biologically soft. None of the components of this product is expected to bioaccumulate. This product is not expected to have a high aquatic toxicity. If emissions of waste water are controlled by appropriate pH limits and/or dilutions in relation to the natural pH and buffering capacity of the receiving water, adverse effects on the aquatic environment are not expected due to the use of products containing sodium carbonate.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

Hazchem Code

Not Applicable

IMDG Marine Pollutant (MP)

No

Other Information

Land transport (IATA): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15. REGULATORY INFORMATION

Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture sodium carbonate(497-19-8) is found on the following regulatory lists:

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Appendix F (Part 3)", "International Council of Chemical Associations (ICCA) - High Production Volume List", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5", "FisherTransport Information", "Australia Inventory of Chemical Substances (AICS)", "OECD List of High Production Volume (HPV) Chemicals", "International Numbering System for Food Additives", "Sigma-AldrichTransport Information", "Australia High Volume Industrial Chemical List (HVICL)", "OECD Existing Chemicals Database", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "Australia Hazardous Substances Information System - Consolidated Lists", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Appendix E (Part 2)", "CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP", "IMO IBC Code Chapter 17: Summary of minimum requirements", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6"

Poisons Schedule

S5

16. OTHER INFORMATION

Contact Person/Point

Australia:

24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 1 800 638 556

Poisons Information Centre (Australia): 13 11 26

New Zealand:

24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 0800 154 666

NZ National Poisons Centre (24 Hour): 0800 764 766

Empirical Formula & Structural Formula

Not Applicable

Other Information

Version No: 6.1.1.1

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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END OF SDS

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