

SAFETY DATA SHEET

SEPTONE NATURE CLEAN

Infosafe No.: K1H3X
ISSUED Date : 21/01/2014
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier

SEPTONE NATURE CLEAN

Product Code

IHNC500, IHNC4L, IHNC5, IHNC5D, IHNC20, IHNC20D

Company Name

ITW AAMTECH (ABN 63 004 235 063)

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E-mail Address

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Recommended use of the chemical and restrictions on use

Relevant identified uses: Solvent-free industrial strength hand cleaner.

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

GHS Classification: Not Applicable

Legend: 1. Classified by; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

Label elements:

GHS label elements: Not Available

Signal Word (s)

NOT APPLICABLE

Hazard Statement (s)

Not Applicable

Precautionary statement – Prevention

Not Applicable

Precautionary statement – Response

Not Applicable

Precautionary statement – Storage

Not Applicable

Precautionary statement – Disposal

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS**Ingredients**

Name	CAS	Proportion
Ingredients determined not to be hazardous	Not Available	10-30 %
Water	7732-18-5	>60 %

Other Information

Substances:

See section below for composition of Mixtures

4. FIRST-AID MEASURES**Inhalation**

If fumes, aerosols or combustion products are inhaled remove from contaminated area.

Other measures are usually unnecessary.

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

Concentrate and diluted solution is readily removed with water.

Abraded or broken skin should be washed carefully and thoroughly.

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

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used.

Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

In such an event consider:

foam.

dry chemical powder.

carbon dioxide.

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.

Equipment should be thoroughly decontaminated after use.

Specific Hazards Arising From The Chemical

The material is not readily combustible under normal conditions.

However, it will break down under fire conditions and the organic component may burn.

Not considered to be a significant fire risk.

Heat may cause expansion or decomposition with violent rupture of containers.

Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).

May emit acrid smoke.

Decomposes on heating and produces toxic fumes of:

carbon dioxide (CO₂)

other pyrolysis products typical of burning organic material

Decomposition Temperature

Not Available

Other Information

Fire Incompatibility: None known.

6. ACCIDENTAL RELEASE MEASURES

Clean-up Methods - Small Spillages

Slippery when spilt.

Clean up all spills immediately.

Avoid breathing vapours and contact with skin and eyes.

Control personal contact with the substance, by using protective equipment.

Contain and absorb spill with sand, earth, inert material or vermiculite.

Wipe up.

Place in a suitable, labelled container for waste disposal.

Clean-up Methods - Large Spillages

Slippery when spilt.

Minor hazard.

Clear area of personnel.

Alert Fire Brigade and tell them location and nature of hazard.

Control personal contact with the substance, by using protective equipment as required.

Prevent spillage from entering drains or water ways.

Contain spill with sand, earth or vermiculite.

Collect recoverable product into labelled containers for recycling.

Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.

Wash area and prevent runoff into drains or waterways.
If contamination of drains or waterways occurs, advise emergency services.

Other Information

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Safe handling: No special handling procedures required.

Other information:

Store in original containers.

Keep containers securely sealed.

Store in a cool, dry, well-ventilated area.

Store away from incompatible materials and foodstuff containers.

Protect containers against physical damage and check regularly for leaks.

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

Store below 30 deg. C.

Store in a cool area and away from sunlight.

Conditions for safe storage, including any incompatibilities

Suitable container:

Polyethylene or polypropylene container.

Packing as recommended by manufacturer.

Check all containers are clearly labelled and free from leaks.

Storage incompatibility:

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

INGREDIENT DATA

Not Available

EMERGENCY LIMITS

Ingredient TEEL-0 TEEL-1 TEEL-2 TEEL-3

water 500(ppm) 500(ppm) 500(ppm) 500(ppm)

Ingredient Original IDLH Revised IDLH

Septone Nature Clean Not Available Not Available

Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions.

Respiratory Protection

Not Applicable

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 lens 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. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

Hand Protection

Bare skin is cleaned with this material.
Application of hand cream / barrier cream after use is recommended.

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the computer-generated selection:

Septone Nature Clean

Material	CPI
BUTYL	A
NEOPRENE	A
VITON	A
NATURAL RUBBER	C
PVA	C

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Personal Protective Equipment

No special equipment needed when handling small quantities.

OTHERWISE:

Overalls.

Barrier cream.

Eyewash unit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Pale green viscous fragrant liquid with gritty texture; mixes with water.

Odour

Not Available

Decomposition Temperature

Not Available

Melting Point

Not Available

Freezing Point

Not Available

Solubility in Water

Miscible

Specific Gravity

0.995 @ 25 deg.C (Water = 1)

pH

6.0 (as supplied)

Not Available as a solution(1%)

Vapour Pressure

Not Available

Vapour Density (Air=1)

Not Available

Evaporation Rate

As for water

Odour Threshold

Not Available

Viscosity

Not Available

Volatile Component

(%vol) 82 w/v

Partition Coefficient: n-octanol/water

Not Available

Surface tension

Not Available

Flash Point

Not Applicable

Flammability

Not Available

Auto-Ignition Temperature

Not Applicable

Explosion Limit - Upper

Not Applicable

Explosion Limit - Lower

Not Applicable

Explosion Properties

Not Available

Molecular Weight

Not Applicable

Oxidising Properties

Not Available

Initial boiling point and boiling range

100°C

Other Information

Taste: Not Available

Gas group: Not Available

VOC g/L: Not Available

10. STABILITY AND REACTIVITY

Reactivity

See section 7 (Handling and Storage)

Chemical Stability

Product is considered stable and hazardous polymerisation will not occur.

Conditions to Avoid

See section 7 (Handling and Storage)

Incompatible materials

See section 7 (Handling and Storage)

Hazardous Decomposition Products

See section 5 (Fire Fighting Measures)

Possibility of hazardous reactions

See section 7 (Handling and Storage)

11. TOXICOLOGICAL INFORMATION

Toxicology Information

Septone Nature Clean

TOXICITY IRRITATION

Not Available Not Available

water

TOXICITY IRRITATION

Not Available Not Available

Not available. Refer to individual constituents.

WATER: No significant acute toxicological data identified in literature search.

Acute Toxicity: Not Applicable

Ingestion

Considered an unlikely route of entry in commercial/industrial environments.

Ingestion may result in nausea, abdominal irritation, pain and vomiting.

Inhalation

Not normally a hazard due to non-volatile nature of product.

Skin

Not considered to cause discomfort through normal use.

Eye

Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

|Product contains abrasive which may cause scratching of the cornea.

Skin corrosion/irritation

Not Applicable

Serious eye damage/irritation

Not Applicable

Mutagenicity

Not Applicable

Respiratory sensitisation

Not Applicable

Skin Sensitisation

Not Applicable

Carcinogenicity

Not Applicable

Reproductive Toxicity

Not Applicable

STOT-single exposure

Not Applicable

STOT-repeated exposure

Not Applicable

Aspiration Hazard

Not Applicable

Chronic Effects

Principal hazards are accidental eye contact and cleaner overuse. Overuse or obsessive cleaner use may lead to defatting of the skin and may cause irritation, drying, cracking, leading to dermatitis.

12. ECOLOGICAL INFORMATION

Ecological information

Toxicity:

The nonionic and anionic surfactants contained in this product are readily biodegradable when tested according to AS1792-1976 and are classified as biologically soft. This product and its biodegradation products are expected to have a low environmental impact and a low aquatic toxicity. This product contains < 0.1% Phosphorous, and is expected to make a negligible impact on eutrophication of waterways.

Persistence and degradability

Ingredient Persistence: Water/Soil Persistence: Air
Not Available Not Available Not Available

Mobility

Ingredient Mobility
Not Available Not Available

Bioaccumulative Potential

Ingredient Bioaccumulation
Not Available Not Available

13. DISPOSAL CONSIDERATIONS

Container Disposal

Recycle wherever possible or consult manufacturer for recycling options.
Consult State Land Waste Management Authority for disposal.
Bury residue in an authorised landfill.
Recycle containers if possible, or dispose of in an authorised landfill.

14. TRANSPORT INFORMATION

Transport Information

Labels Required:
Marine Pollutant: NO
HAZCHEM: Not Applicable

Land transport (ADG): 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

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture:

Water(7732-18-5) is found on the following regulatory lists

"OECD List of High Production Volume (HPV) Chemicals", "Australia High Volume Industrial Chemical List (HVICL)", "International Fragrance Association (IFRA) Survey: Transparency List", "Australia Inventory of Chemical Substances (AICS)", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "OSPAR National List of Candidates for Substitution – Norway", "Sigma-AldrichTransport Information"

16. OTHER INFORMATION

Empirical Formula & Structural Formula

Not Applicable

Other Information

Version No: 8.1.1.1

Safety Data Sheet according to WHS and ADG requirements

S.GHS.AUS.EN

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.

This MSDS has been transcribed into Infosafe NOHSC format from an original issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS

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