

Material Safety Data Sheet

[NOHSC:2011(2003)]

Printing date: 19.01.2011

Revision: 19.01.2011

1. Identification of material and supplier

Product details:

Trade name: **FOAM CARE INSTANT FOAM HAND SANITIZER & TOILET SEAT SANITIZER**

Recommended use: Chemicals for various applications

Manufacturer:

Calfarme (Singapore) Pte Ltd
AMK Techlink
20 Ang Mo Kio Industrial Park 2A 06-18
Singapore 567761
Republic of Singapore

Telephone: +65 6556 4111

Supplier:

Calfarme Australia Pty Ltd
Unit 42
55 Norman Street
Peakhurst NSW2210
Australia

Telephone: +61 (2) 9153 0677

E-mail address of the competent person responsible for the Safety Data Sheet: sales@calfarme.com.au

Emergency information:

Emergency Number: +61 (2) 9153 0677 (Monday – Friday 9am - 5pm Australian EST)

As above or a Poisons Information Centre (Australia 13 1126; New Zealand 0800 764 766)

2. Hazards identification

Hazards Identification

NON HAZARDOUS SUBSTANCE.
NON DANGEROUS GOODS.

Classification system

Hazard classification according to the criteria of NOHSC [NOHSC:1008(2004)].
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. Composition/information on ingredients

Chemical characterization

Description: Aqueous solution

4. First aid measures

General information:

First aid is not generally required. If in doubt, contact a Poisons Information Centre (Phone 13 1126) or a doctor.

After inhalation:

Keep patient calm, remove to fresh air. Seek medical attention.

After skin contact:

Seek medical advice if skin is contaminated by large quantities of chemical. Immediately remove all contaminated clothing and footwear. Wash the skin thoroughly with soap and water.

After eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention..

After swallowing:

If swallowed, DO NOT induce vomiting. Keep at rest and give a glass of water. Seek medical attention.

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Advice to Doctor

Treat according to symptoms

5. Fire fighting measures

Suitable extinguishing agents : Water fog or fine spray mist (large fires); foam, carbon dioxide, dry chemical powder

For safety reasons unsuitable extinguishing agents : None known

Special hazards caused by the material, its products of combustion or flue gases:

Nitrogen oxides (NO_x), Hydrogen chloride (HCl),

Carbon monoxide (CO) and Carbon dioxide (CO₂)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Protective equipment: Wear self-contained breathing apparatus. Wear full protective suit.

6. Accidental release measures

Person-related safety precautions:

Ensure adequate ventilation.

Avoid contact with eyes.

Danger of slipping on leaked/spilled product.

Measures for environmental protection:

Do not allow to enter drainage system, surface or ground water.

Dilute with much water.

Prevent material from reaching sewage system, holes and cellars.

Measures for cleaning/collecting:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable containers.

Dispose of the material collected according to regulations.

7. Handling and storage

Handling

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with eyes.

Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers:

Observe all local and national regulations for storage of water polluting products.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.

Store container in a well ventilated position.

Keep container tightly sealed.

8. Exposure controls / personal protection

National Exposure Standards

No exposure standard has been established for this product by the Australian National Occupational Health and Safety Commission (NOHSC).

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Do not eat, drink or smoke while working.

Instantly remove any contaminated garments.

Do not carry cleaning cloths impregnated with the product in trouser pockets.

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Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Wash hands during breaks and at the end of the work.

Use skin protection cream for preventive skin protection.

Breathing equipment:

If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.

Protection of hands:

Protective gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.

Check the permeability prior to each renewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Protective gloves should be replaced at first signs of wear.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses recommended during refilling.

Body protection: Protective clothing should be selected specifically for the working place.

9. Physical and chemical properties

Form: liquid

Colour: colourless

Smell: weak

Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100°C

Flash point: Not applicable

Self-inflammability: Product is not selfigniting.

Danger of explosion: Product is not explosive.

Density: 1.0 g/cm³

Solubility in / Miscibility with

Water: fully miscible

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Materials to be avoided:

Dangerous reactions No dangerous reactions known.

Incompatible materials: Strong oxidizing agents

Dangerous products of decomposition: Nitrogen oxides (NO_x), Hydrogen chloride (HCl), Carbon monoxide (CO) and Carbon dioxide (CO₂)

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11. Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification: LD50 (oral, rat) > 2000 mg/kg

Primary irritant effect:

on the skin: Longer lasting and/or repeated skin contact may cause irritation.

on the eye: Short time, reversible irritating effect.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13. Disposal considerations

Product:

Recommendation Disposal must be made according to official regulations.

European waste catalogue:

Waste disposal key numbers from EWC have to be assigned depending on origin and processing.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Water, if necessary with cleaning agent

14. Transport information

Land transport ADG:

ADG Class: n/a

Maritime transport IMDG-Code:

IMDG Class: n/a

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: n/a

Transport/Additional information: Not dangerous according to the above specifications.

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15. Regulatory information

Poisons Schedule

Not a scheduled poison (Standard for the Uniform Scheduling of Drugs and Poisons No. 23)

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS:

Calfarne Australia Pty Ltd
Unit 42,55 Norman Street
Peakhurst, NSW, 2210
Australia

Phone: +61 (2) 9153 0677
eMail: msds@calfarne.com.au

Sources: These data are based on information submitted by pre-suppliers.

Abbreviations and acronyms:

ADG: Australian Dangerous Goods Code
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent