

Material Safety Data Sheet

according to 91/155/EEC

Product name : UCRETE PART 1 FOR ASIA PACIFIC - ALL GRA
Revision : 16.01.2008 **Version :** 1.0.0
Print date : 16.01.2008

01. Identification of substance, preparation and company

Product name

UCRETE PART 1 FOR ASIA PACIFIC - ALL GRA (999327-10)
(FOR FL, HF 100, HF 100 RT, MF, MF AS, MT, TZ, TZ AS, TZ COVING, TZ GROUT, UD 200, UD 200N, UD 200 SR, WR, DP BASECOAT B4, DP BASECOAT B6, DP BASECOAT B9, DP TOPCOAT, DP TOPCOAT AS, CP BASECOAT B6 AS, PRIMER LC, PRIMER LC AS, PRIMER SC, PRIMER SCF)

Manufacturer/Supplier

BASF Construction Chemicals (UK) Ltd.

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02. Composition/information on ingredients

Chemical characterization

Water based emulsion

Hazardous components

PINE OIL ; EC-No. : 232-350-7 ; CAS-No. : 8006-64-2

Percentage : 2.5 - 10 %

Classification : R 10 N ; R 51/53 R 43 Xn ; R 20/21/22 Xn ; R 65 Xi ; R 36/38

For the wording of the listed risk phrases refer to section 16.

03. Hazards identification

Hazard designation

May cause sensitisation by skin contact. · Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification : R 43 · R 52/53

04. First-aid measures

After inhalation

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

After skin contact

Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

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After ingestion

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

05. Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

06. Accidental release measures

Personal precautions

Remove ignition sources. Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

07. Handling and storage

Information for safe handling

Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid contact with skin and eyes. Do not inhale the vapour. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires

No particular measures required.

Requirements to be met by storerooms and containers

Containers should be kept dry and sealed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep away from ignition sources - No smoking.

Storage class (VCI) : 10

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08. Exposure controls and personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Hand protection

Nitrilerubber $\geq 0,35\text{mm}$ ≥ 480 min. By using other gloves with a lower endurance, change them more often. After washing hands replace lost skin fat by fat containing skin creams.

Eye protection

Use safety glasses.

Body protection

Light protective clothing.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : White.
Odour : Soap-like.

Relevant safety data

Flash point : > 100 °C DIN 53213
Solubility in water : (20 °C) insoluble

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

Experience on practice

In case of contact with the product: danger of resorption through the skin, irritation of skin/mucous membranes.

Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

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Ecotoxicological effects

Aquatic toxicity

Specification : Toxicity to fish (PINE OIL ; CAS-No. : 8006-64-2)
Parameters : LC 50
Leuciscus idus
Value / dosage : 89 mg/l
Test-period : 48 h
Specification : Toxicity to daphnia (PINE OIL ; CAS-No. : 8006-64-2)
Parameters : EC50
Species: Daphnia magna Straus 1820
Value / dosage : 24.5 mg/l
Test-period : 48 h

Additional ecological information

General ecological information

Do not empty into waters or drains.

13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Product

Waste key

According to the actual waste legislation it is not possible for us to give the waste code because it depends on the application of the product that we do not know here. If you need some help to determine this code, please ask your executives. Disposal Code according to European Waste Catalog (EWC) please specify according to the use of product, e.g.: 080111* Waste from production, formulation, sales and application of paints and varnishes. Old paints and varnishes, containing organic solvents or some other dangerous product.

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EC directives

Danger symbol and danger designation

Xi ; Irritant

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Hazard-determining components of labelling

PINE OIL ; CAS-No. : 8006-64-2

R-phrases

43 May cause sensitisation by skin contact.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
2 Keep out of the reach of children.
35 This material and its container must be disposed of in a safe way.
36/37 Wear suitable protective clothing and gloves.

National regulatory information

Ordinance on Dangerous Substances (GefStoffV)

Additional information

The usual precautionary measures for the handling of chemicals have to be observed. In case of multi component products, please consider the information given for the other components as well.

Regulation on inflammable liquids (VbF)

VbF-Class : Not dangerous according to VbF

Water pollution classification

Class : 1 according VwVwS

Other regulations

Germany: Safety Instruction Code of german occupational safety and health organisation. Berufsgenossenschaften der Bauwirtschaft: GISCODE PU 40

16. Other information

Restrictions on use recommended by the manufacturer

Coating material - use only according to the Technical Information of the product.

Further information

We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 16 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

R-Phrases of components

10 Flammable.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.

Department issuing data sheet

BASF Construction Chemicals Business Line Performance Flooring.

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.
