SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION:
PRODUCT NAME: 10% CALCIUM CEM-ALL

PRODUCT USE:
Drier;

COMPANY IDENTIFICATION:
OMG Borchers GmbH
Berghausener Str. 100, 40764 Langenfeld, Germany
Tel.: +49 2173 3926-830, Fax: +49 2173 3926-899
Email address: BorchersMSDS@eu.omgi.com

EMERGENCY TELEPHONE NUMBER:
Carechem 24: +44 (0)208 762 8322

2. HAZARDS IDENTIFICATION

Irritant
Irritating to skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

CHEMICAL NAME	PERCENT	CAS NO:	EINECS NO:	Warning symbol, R phrases and other information:
Calcium, carbonate tall-oil fatty acids complexes	35-40	68512-12-9	270-957-9	Xi; R38
Naphtha (Petroleum), hydrotreated heavy	25	64742-48-9	265-150-3	Xn; R65-66
Calcium, carbonate C8-10-branched fatty acids complexes	20-25	90268-81-8	290-886-7	Xi; R38
(2-Methoxymethylethoxy)propanol	15	34590-94-8	252-104-2	-

FURTHER INFORMATION:
Mixture (preparation)

4. FIRST AID MEASURES

GENERAL INFORMATION:
In case of persisting adverse effects consult a physician.

EYE CONTACT:
Separate eyelids, wash the eyes thoroughly with water (15 min). Seek medical advice immediately.

SKIN CONTACT:
Wash off with soap and plenty of water. Don't use solvents. Remove soiled or soaked clothing immediately. Wash contaminated clothing before re-use.

INHALATION:
Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Consult a physician.

INGESTION:
Do not induce vomiting - aspiration hazard. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:
Dry powder; Carbon dioxide (CO_2); Alcohol-resistant foam; Dry sand;

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:
Strong water jet;

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, ITS COMBUSTION PRODUCTS, OR RELEASED GASES:
In the event of fire the following can be released: Carbon dioxide (CO_2); Carbon monoxide (CO); Hydrocarbons; Calcium oxide;

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
Wear self-contained breathing apparatus and protective suit.

FURTHER INFORMATION:
In the event of fire, cool tanks with water spray. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not discharge into the drains/surface waters/groundwater.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS:
Do not discharge into the drains/surface waters/groundwater.

METHODS FOR CLEANING UP:
Soak up with inert absorbent material (e.g. sand, silica gel, universal binder, sawdust). Send in suitable containers for recovery or disposal. (Section 13)

7. HANDLING AND STORAGE

HANDLING:
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

SAFE HANDLING ADVICE:
Avoid contact with skin and eyes. Keep away from heat and sources of ignition. If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn.

TECHNICAL MEASURES/PRECAUTIONS:
Provide good ventilation of working area (local exhaust ventilation if necessary).

STORAGE:

TECHNICAL MEASURES/STORAGE CONDITIONS:
Always keep in containers of same material as the original one. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep containers tightly closed in a dry, cool and well-ventilated place.

INCOMPATIBLE PRODUCTS:
Acids; Halogens. Oxidizing agents;

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	EXPOSURE LIMIT(S):	SOURCE:
Calcium, carbonate tall-oil fatty acids complexes	-	-
Naphtha (Petroleum), hydrotreated heavy	Naphtha (Petroleum), hydrotreated heavy TWA: 900 mg/m^3 STEL: 1200 mg/m^3	Manufacturer recommended exposure limit
Calcium, carbonate C8-10-branched fatty acids complexes	-	-
(2-Methoxymethylethoxy)propanol	(2-Methoxymethylethoxy)propanol TWA: 50 ppm / 308 mg/m^3 Can be absorbed through skin. Indicative occupational exposure limit values: 50 ppm / 308 mg/m^3 (8h) Possibility of significant uptake through the skin.	UK Workplace Exposure Limits Commission Directive 00/39/EG

EXPOSURE CONTROLS:
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

OCCUPATIONAL EXPOSURE CONTROLS:
Avoid contact with skin and eyes. Do not breathe vapours. Avoid repeated exposure. Wear suitable protective equipment. Hold eye wash fountain available. Hold emergency shower available. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work. At work do not eat, drink, smoke or take drugs. Keep away from food, drink and animal feeding stuffs. Keep working clothes separately.

RESPIRATORY PROTECTION:
If ventilation is insufficient, use a respiratory protection apparatus; e.g. A2-P3 (DIN 3181).

HAND PROTECTION:
Solvent-resistant gloves;

EYE PROTECTION:
Tightly fitting safety goggles;

SKIN AND BODY PROTECTION:
Clothing as usual in the chemical industry.

ENVIRONMENTAL EXPOSURE CONTROLS:
The employer shall fulfill requirements of IPPC Directive.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION:

Appearance	Liquid
Colour	Yellow
Odour	Slight.

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION:

pH	No data available.
Boiling point/range	Approximately 180 °C
Flash point	>61° C °C Method: Closed Cup
Flammability (solid, gas)	No data available.
Explosive properties	No data available.
Oxidizing properties	Non oxidizing material according to EEC criteria.
Relative density	1 g/cm3 (25 °C)
Bulk density	No data available.
Vapour pressure	3.00 mbar (37,8 °C)
Solubility	
-Water solubility	Practically insoluble.
-Fat solubility	No data available.
-Solubility in other solvents	Organic solvents;
Partition coefficient (n-octanol/water)	No data available.
Viscosity	Dynamic < 100 mPa*s (20 °C)
Vapour density	>1.
Evaporation rate	No data available.

OTHER INFORMATION:

Melting point/range	No data available.

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:
Keep away from heat and sources of ignition.

MATERIALS TO AVOID:
Acids; Halogens; Oxidizing agents;

HAZARDOUS DECOMPOSITION PRODUCTS :
Carbon monoxide (CO); Carbon dioxide (CO_2); Hydrocarbons; Calcium oxide;

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:
No data available.

CORROSIVE EFFECTS:
Irritating to skin.

SENSITIZATION:
No data available.

SUBACUTE TOXICITY:
No data available.

REPRODUCTIVE TOXICITY:
No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
No data available.

MOBILITY:
No data available.

PERSISTENCE / DEGRADABILITY:
The product is not biodegradable.

BIOACCUMULATIVE POTENTIAL:
No data available.

OTHER ADVERSE EFFECTS:
No data available.

13. DISPOSAL CONSIDERATIONS

Council Directive 91/689/EEC on hazardous waste.

EWC WASTE CODE: 07 01 04 - Other organic solvents, washing liquids and mother liquors
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation (2000/532/EC).

WASTE FROM RESIDUES/UNUSED PRODUCTS:
Contact manufacturer. Dispose of as special waste in compliance with local and national regulations.

CONTAMINATED PACKAGING:
Contaminated packaging should be emptied as far as possible. Packaging that cannot be cleaned should be disposed as special waste in compliance with local and national regulations.

14. TRANSPORT INFORMATION

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

15. REGULATORY INFORMATION

LABELLING IN ACCORDANCE WITH EC DIRECTIVES:
Labelling according to Directive 67/548/EEC and 1999/45/EC:

SYMBOL(S):
Xi - Irritant

R-PHRASE(S):
R38 - Irritating to skin.

S-PHRASE(S):
S28 - After contact with skin, wash immediately with plenty of soap and water.
S36/37 - Wear suitable protective clothing and gloves.

NATIONAL REGULATIONS:
UK Chemical Hazard Information and Packaging (CHIP 3)

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES:
R38 - Irritating to skin.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.

REVISED INFORMATION:
First issue.

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