

BONDIT FOAM CLEANER

01 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name : BONDIT FOAM CLEANER
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02 HAZARDS IDENTIFICATION

2.1 Hazard description:

Xi Irritant
F+ Extremely flammable



2.1.1 Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.

R 12 Extremely flammable.
R 20 Harmful by inhalation.
R 36/37/38 Irritating to eyes, respiratory system and skin.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

2.2 Pressurized container:

Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Keep out of the reach of children.

2.3 Classification system:

The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No.	EINECS No.	Conc. (% w/w)	Classification
Butanone	78-93-3	201-159-0	45-85%	F; R11 Xi; R36-R66-R67
Butane	106-97-8	203-448-7	1-15%	F+; R12
Propane	74-98-6	200-827-9	1-15%	F+; R12
Isobutane	75-28-5	200-857-2	1-10%	F+; R12

04 FIRST AID MEASURES

4.1 General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 the accident.

4.2 After inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

4.3 After skin contact: Immediately wash with water and soap and rinse thoroughly.

4.4 After eye contact: Rinse opened eye for at least 15 minutes under running water. Consult a doctor.

4.5 After swallowing: If symptoms persist consult doctor.

05 FIRE FIGHTIN MEASURES

5.1 Protective equipment: Mount respiratory protective device and wear protective equipment.

5.2 Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

5.3 For safety reasons unsuitable extinguishing agents: Water with full jet.

06 ACCIDENTAL RELEASE MEASURES

6.1 Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

6.2 Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

6.3 Measures for cleaning/collecting: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

07 HANDLING AND STORAGE

6.1 Handling

6.1.1 Information for safe handling: Ensure good ventilation/exhaustion at the workplace.

6.1.2 Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material. Keep away from sources of ignition. - No smoking.

6.2 Storage

6.2.1 Requirements to be met by storerooms and receptacles:

Store in a cool location. Observe official regulations on storing packaging with pressurized containers.

6.2.2 Information about storage in one common storage facility:

Not required.

6.2.3 Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Personal protection equipment:

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place
- Avoid contact with eyes and skin
- Use barrier skin cream
- Remove soiled or soaked clothing immediately
- Do not eat, drink or smoke during work time
- Wash hands before breaks and after work

8.2 Hand protection:

- Butyl rubber/nitrile rubber gloves

8.3 Eye protection:

- Safety glasses

8.4 Additional Information: Wash hands before eating, drinking, smoking and using the toilet.

09 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Form : Aerosol
Odour : Characteristic
Colour : Clear

9.2 Important health, safety and environmental information

Boiling Range : Not applicable, as aerosol

Flash Point : Not applicable, as aerosol

Self-igniting : Product is not self igniting.

Danger of explosion : Product is not explosive. However, formation of explosive air/vapour mixtures is possible.

Solubility in / Miscibility with water : Not miscible or difficult to mix.

10 STABILITY AND REACTIVITY

10.1 Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.2 Dangerous reactions:

No dangerous reactions known.

10.3 Dangerous decomposition products:

No dangerous decomposition products known at room temperature.

11 TOXICOLOGICAL INFORMATION

11.1 Toxicity

11.1.1 Primary irritant effect:

11.1.2 On the skin: Irritant to skin and mucous membranes.

11.1.3 On the eye: Irritating effect.

11.1.4 Sensitization: Sensitization possible through inhalation. Sensitization possible through skin contact.

11.2 Additional toxicological information

Contains diphenylmethane-4,4'-diisocyanate (MAK-value 0,005 ppm). May cause sensitization by inhalation and skin contact. Avoid repeatedly contact or contact for a longer time. People with isocyanate allergy should not be in contact with the content. In case of very sensitive persons low concentrations can cause asthmatic reactions.

MATERIAL SAFETY DATA SHEET

(MSDS) According to EC Regulation 1907/2006/EEC and Subsequent Amendments

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Revision Date and No: 05/10/2010 – CGBF: 800

12 ECOLOGICAL INFORMATION

12.1 General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even small quantities leak into the ground.

13 DISPOSAL CONSIDERATIONS

13.1 Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Attention: Cured foam can only be removed mechanically. Cured foam is chemically inert and therefore can be disposed of together with household garbage.

13.2 Unclean packaging

13.2.1 Recommendation: Disposal must be made according to official regulations.

Dispose of in accordance with local authority requirements.

14 TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)



ADR/RID class	: 2 5F Gases.
Danger code (Kemler)	: 23
UN-Number	: 1950
Packaging group	: II
Hazard label	: 2.1
Description of goods	: AEROSOLS

Maritime transport IMDG



IMDG Class	: 2.1
UN Number	: 1950
Label	: 2.1
Packaging group	: II
EMS Number	: F-D,S-U
Marine pollutant	: No
Proper shipping name	: AEROSOLS

Air transport ICAO-TI and IATA-DGR



ICAO/IATA Class	: 2.1
UN/ID Number	: 1950
Label	: 2.1
Packaging group	: II
Proper shipping name	: AEROSOL

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15 REGULATORY INFORMATION

15.1 Risk Phrases:

- R-11** : Highly flammable
R-20 : Harmful by inhalation
R-36/37 : Irritant to eyes and respiratory
R-38 : Irritating to skin

15.2 Safety Phrases

- S-2** : Keep out of reach of children.
S-9 : Keep container in a well ventilated place
S-16: Keep away from source of ignition. No smoking
S-23 : Do not breath vapours
S-25 : Avoid contact with eyes
S-33 : Take precautionary measures against static discharges
S-45 : In case of accident or if you feel unwell, seek medical advice immediately
S-46: If swallowed, seek medical advice immediately and show this container or label.
S-63: In case of accident by inhalation: remove casualty to fresh air and keep at rest.

16 OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS. The company supplying entity shall not be held responsible for any defect in the product covered by this MSDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

Department issuing MSDS: Product safety department.

Contact: Product safety department info@akkim.net