



# DEG CLEANER OSMA NO 1

Supplementary Precautionary Statements	P501	Dispose of contents/container in accordance with local regulations.
	P233	Keep container tightly closed.
	P242	Use only non-sparking tools.
	P243	Take precautionary measures against static discharge.
	P261	Avoid breathing vapour/spray.
	P264	Wash contaminated skin thoroughly after handling.
	P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
	P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental label information		
	EUH066	Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite the vapour

## 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Mixtures

BUTANONE	60-100%
CAS-No.: 78-93-3	EC No.: 201-159-0
	Registration Number: 01-2119457290-43
Classification (EC 1272/2008)	
Flam. Liq. 2 - H225	
EUH066	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## 4.0 FIRST AID MEASURES

### 4.1. Description of first aid measures

**After Inhalation:** Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention. Ingestion DO NOT induce vomiting. Get medical attention immediately.

**After Skin contact:** Promptly flush contaminated skin with water. Promptly move clothing if soaked through and flush the skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.

**After Eye contact:** Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

No specific symptoms noted.

### 4.3. Indication of any immediate medical attention and special treatment needed

# DEG CLEANER OSMA NO 1

## 5.0 FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Powder. Foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion

products Not known.

Unusual Fire & Explosion Hazards

Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to sources of ignition. HIGHLY FLAMMABLE! Risk of explosion in closed containers if pressure rises rapidly. Solvent vapours may form explosive mixtures with air. Specific hazards

Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 5.3. Advice for firefighters

Special Fire Fighting Procedures

Not known.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6.0 ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid contact with skin and eyes. Provide adequate ventilation.

### 6.2. Environmental precautions

Prevent entry into drains. Avoid discharge into water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewer, waterway or ground is forbidden. Absorb with sand or other inert absorbent.

Collect with absorbent, non-combustible material into suitable containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

## 7.0 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### 7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

Storage Class Flammable

liquid storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## DEG CLEANER OSMA NO 1

### 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	
		ppm(Sk)	mg/m3(Sk)	ppm(Sk)	mg/m3(Sk)
BUTANONE	WEL	200	600	300	899

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

Protective equipment



Engineering measures

Explosion-proof general and local exhaust ventilation.

Respiratory equipment

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

Hand protection

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Use appropriate skin cream to prevent drying of skin.

### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Ketonic.
Relative density	0.806 @ 25 °c
Flash point (°C)	- 5 CC (Closed cup).

#### 9.2. Other information

# DEG CLEANER OSMA NO 1

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## 10.0 STABILITY AND REACTIVITY

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### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Avoid Heat, sparks, flames.

### 10.3. Possibility of hazardous reactions

Not available.

Hazardous Polymerisation

Unknown.

### 10.4. Conditions to avoid

Not known.

### 10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

### 10.6. Hazardous decomposition products

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

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## 11.0 TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

Inhalation

Drowsiness, dizziness, disorientation, vertigo. Gas or vapour may irritate respiratory system.

Ingestion

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact

Prolonged contact may cause dryness of the skin. May cause skin irritation/eczema.

Eye contact

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

Health Warnings

Defats the skin. Prolonged or repeated exposure may cause severe irritation.

Medical Considerations

Skin disorders and allergies.

# DEG CLEANER OSMA NO 1

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## 12.0 ECOLOGICAL INFORMATION

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### Ecotoxicity

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

#### Degradability

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility:

Semi-mobile.

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

Not available.

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## 13.0 DISPOSAL CONSIDERATIONS

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### General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical.

#### Waste Class

Classified as Special Waste. Not permitted for landfill in liquid state.

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## 14.0 TRANSPORT INFORMATION

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### 14.1. UN number

UN No. (ADR/RID/ADN)	1193
UN No. (IMDG)	1193
UN No. (ICAO)	1193

### 14.2. UN proper shipping name

Proper Shipping Name                      ETHYL METHYL KETONE (METHYL ETHYL KETONE)

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# DEG CLEANER OSMA NO 1

## 14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3

Transport Labels



## 14.4. Packing group

ADR/RID/ADN Packing group	„
IMDG Packing group	„
ICAO Packing group	„

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

## 14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•2YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code SECTION 15:

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## 15.0 REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Classification and Labelling of Substances and Preparations Dangerous for Supply.

# DEG CLEANER OSMA NO 1

## Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. EU

## Legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures came into force on 20 January 2009 in all EU Member States.

## 15.2. Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

#### General information

This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

#### Information Sources

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

#### Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision. This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

Issued By	AR
Revision Date	Mar 2017
Revision	12
Safety Data Sheet Status	This product is a substance for labelling purposes