

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : ODE Isipan

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Professional use; heat insulation plate  
Restrictions on use : No data available

#### 1.3. Details of the supplier of the safety data sheet

ODE Yalıtım Sanayi ve Ticaret A.Ş  
Hacı Şeremet Mevkii 3. Sokak Çorlu / Tekirdağ  
TURKEY  
T +90 282 676 46 64 - F +90 282 676 46 68  
[info@ode.com.tr](mailto:info@ode.com.tr) - [www.ode.com.tr](http://www.ode.com.tr)

#### 1.4. Emergency telephone number

National Poison Center (UZEM) : +90 114  
Emergency number : +90 282 676 46 64

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as hazardous

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

Contains PBT substances < 0.1% assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification (CLP)
Polystyrene	(CAS-No.) 9003-53-6	Max. 99	Not classified
Hydrofluorocarbon152A	(CAS-No.) 75-37-6 (EC-No.) 200-866-1	Max. 1	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Dimethyl ether	(CAS-No.) 115-10-6 (EC-No.) 204-065-8 (EC Index-No.) 603-019-00-8		Flam. Gas 1, H220 Press. Gas
Hexabromocyclododecane substance listed as REACH Candidate (Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified) substance listed in REACH Annex XIV (Hexabromocyclododecane (HBCDD) (alpha-, beta-, gamma-))	(CAS-No.) 25637-99-4 (EC-No.) 247-148-4 (EC Index-No.) 602-109-00-4		Repr. 2, H361 Lact., H362
1,2,5,6,9,10- hexabromocyclododecane substance listed as REACH Candidate (Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified) substance listed in REACH Annex XIV (Hexabromocyclododecane (HBCDD) (alpha-, beta-, gamma-))	(CAS-No.) 3194-55-6 (EC-No.) 221-695-9 (EC Index-No.) 602-109-00-4		Repr. 2, H361 Lact., H362

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire; : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Cutting may result in release of the inflating gas remaining in the cellular structure. Sufficient ventilation must be provided in these areas to ensure that localized concentrations are below the lower flammability limit.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Keep container tightly closed and dry. Keep in a cool, well-ventilated place away from incompatible materials. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Large quantities of storage (especially in unventilated areas) can cause the formation of flammable vapors by the release of inflating gases. The heat and ignition sources in the storage area must be minimized and controlled.

The product packaging should not be opened until it is used to prevent potential dust spread.

Incompatible materials : Solvent.

Packaging materials : Polyethylene film

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Dimethyl ether (115-10-6)		
EU	IOELV TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	1000 ppm

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### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Dust collection systems should be used for edge cutting, surface roughening, machining or other powder forming processes. Vacuum or wet cleaning methods can be used. Grinding, cutting, sawing or manufacturing activities can cause the release of blowing gas or dust particles. Such materials may be flammable under suitable conditions or may form explosive dust atmospheres. If adhesive is to be used with the product, carefully follow the operating instructions of the adhesive manufacturer.

#### Hand protection:

Protective gloves. Standard EN 374 - Protective gloves against chemicals.

#### Eye protection:

Safety glasses. Standard EN 166 - Personal eye-protection.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P1. Standard EN149 - Filtering Halfmasks to protect against particles

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: Green
Odour	: Odourless
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 75 °C
Freezing point	: Not applicable
Boiling point	: 300 °C
Flash point	: 300 °C Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 20 - 50 kg/m <sup>3</sup>
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Keep away from direct sunlight and heat above 300 °C)

### 10.5. Incompatible materials

Hydrocarbons. Esters. Amines. Volatile organic compounds.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified. May cause mechanical skin irritation.
Serious eye damage/irritation	: Not classified. May cause mechanical eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

Component	
Hexabromocyclododecane (25637-99-4)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1,2,5,6,9,10- hexabromocyclododecane (3194-55-6)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
European List of Waste (LoW) code	: 07 02 13 - waste plastic

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration  $\geq 0.1\%$  or with a lower specific limit: Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (EC 247-148-4, CAS 25637-99-4), Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (EC 221-695-9, CAS 3194-55-6)

Contains REACH Annex XIV substances:

Substance name	Authorisation number	Sunset date	REACH authorisation exemptions
Hexabromocyclododecane (HBCDD) (alpha-, beta-, gamma-) (EC 247-148-4, CAS 25637-99-4)		21/07/2015	
Hexabromocyclododecane (HBCDD) (alpha-, beta-, gamma-) (EC 221-695-9, CAS 3194-55-6)		21/07/2015	

#### 15.1.2. National regulations

##### Germany

VwVwS Annex reference : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : Hexabromocyclododecane, 1,2,5,6,9,10- hexabromocyclododecane are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : Hexabromocyclododecane, 1,2,5,6,9,10- hexabromocyclododecane are listed

##### Denmark

Recommendations Danish Regulation : The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Full text of H- and EUH-statements:

Flam. Gas 1	Flammable gases, Category 1
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Press. Gas	Gases under pressure
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Repr. 2	Reproductive toxicity, Category 2
H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated
H361	Suspected of damaging fertility or the unborn child
H362	May cause harm to breast-fed children

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*