

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5015**

Version: 5

Revision: 2020.4.15

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	Corum 5015
CAS number	67763-18-2

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

Recommended Use	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU21 Consumer uses: Private households/general public/consumers SU22 Professional uses
Uses advised against	Not determined
Product category	Not determined
Process category	Not determined

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier
CORUM INC.
6FL., No.360, Ruei Guang Rd.,
Neihu Dist, Taipei 11492, Taiwan
Further information obtainable from
marketing.support@corum.com.tw

1.4 Emergency telephone number

Company phone number	CORUM Tel. 886-2-8751-6060 Fax. 886-2-8751-6363
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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
This substance is not classified according to the CLP regulation.

2.2 Label elements

Label according to Regulation (EC) No 1272/2008
Not applicable

2.3 Other hazards

No further relevant information available.
Results of PBT and vPvB assessment
Not applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical characterization:** Substance

3.2 **Composition/information on ingredients**

Chemical Name	CAS No.	EC No.
Diisostearyl malate	67763-18-2	267-041-6

SECTION 4: FIRST AID MEASURES

4.1 **Description of first aid measures**

General information	No special measures required
After inhalation	Supply fresh air; consult a doctor in case of complaints.
After skin contact	Rinse with warm water.
After eye contact	Rinse opened eye for several minutes under running water.
After swallowing	Rinse mouth with water and then drink plenty of water. If symptoms persist, consult a doctor.

4.2 **Most important symptoms and effects, both acute and delayed**

Symptoms	No further relevant information available
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4.3 **Indication of any immediate medical attention and special treatment needed**

Note to physicians	No further relevant information available
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SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media**

Suitable extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media	Water

5.2 **Special hazards arising from the substance or mixture**

No further relevant information available

5.3 **Advice for firefighters**

No special measures required

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Not required
- 6.2 Environmental precautions**
No special measures required
- 6.3 Methods and material for containment and cleaning up**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- 6.4 Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precaution for safe handling**
Advice on safe handling Avoid inhalation of vapour or mist.
Avoid contact with skin and eyes.
Keep receptacles tightly sealed.
- 7.2 Conditions for safe storage, including any incompatibilities**
- | | |
|-------------------------------|--|
| Storage conditions | Protect from heat and direct sunlight.
Protect from humidity and water.
Protect from exposure to the light.
Keep container tightly sealed.
Store in a cool location.
Recommended storage temperature: 25 °C |
| Incompatible materials | No further relevant information available |
| Storage class (VbF) | No |
- 7.3 Specific end use(s)** No further relevant information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- | | |
|------------------------|--|
| Exposure limits | The product does not contain relevant quantities of materials with critical values that have to be monitored at the workplace. |
| DNEL | Not determined |
| PNEC | Not determined |

Additional information The valid lists during this review were used as a basis.

8.2 Exposure controls

Personal protective equipment

Respiration protection Not required

Hands protection Protective gloves



The glove material has to be impermeable and resistant to the product/the substance/the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/the reparation/the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection Not required

General protective measure The usual precautionary measures are to be adhered to when handling chemicals.

General hygiene measure The usual precautionary measures are to be adhered to when handling chemicals.

Environmental exposure controls Not determined

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Oil
Appearance	Oily
Color	Colourless
Odor	Mild
Odor threshold	Not determined

Property

pH value (5%)	Not applicable
Melting point/Melting range	Not determined
Boiling point/Boiling range	> 200 °C

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Flash point	> 150 °C
Flammability (solid, gaseous)	Not applicable
Ignition temperature	> 200 °C
Decomposition temperature	Not determined
Self-igniting	> 200 °C
Danger of explosion	Product does not present an explosion hazard.
Explosion limit	
Lower	Not determined
Upper	Not determined
Oxidizing properties	Not determined
Explosive properties	Not determined
Vapor pressure	Not determined
Density at 20 °C	0.915 g/cm ³
Vapor density	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Solubility	Soluble in vegetable oil and mineral oil Not miscible or difficult to mix with water
Partition coefficient (n-octanol/water at 25 °C)	Not determined
Kinematic viscosity	Not applicable
Dynamic viscosity	Not applicable
Solvent content	

9.2 Other information

Surface tension	Not determined
Dissociation constant	Not determined
Granulometry	Not determined
Molecular weight	Not determined

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity

No further relevant information available

10.2 Chemical stability

The product is stable under ordinary condition.

Thermal decomposition/conditions to be avoided

No decomposition if used according to specifications

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials

Strong oxidizing agents

Strong acids

10.6 Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity****LD/LC50 values relevant for classification**

Not determined

Primary Irritant effect**Skin corrosion/irritation**

Patch test, tested at 100% actives/48 hours

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory tract

Based on available data, the classification criteria are not met.

Respiratory/skin sensitization

Based on available data, the classification criteria are not met.

**Toxicokinetics, metabolism
and distribution**

Not determined

Repeated dose toxicity

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**Germ Cell mutagenicity**

Not determined

Carcinogenicity

Not determined

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Aquatic toxicity**

No further relevant information available

12.2 Persistence and degradability

No further relevant information available

12.3 Bioaccumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Recommendation**

Must be specially treated according to official regulations.

13.2 Uncleaning packaging**Recommendation**

Paper bags may be incinerated, or recycled, or disposed of in an appropriate landfill in accordance with national and local laws.

Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION**14.1 UN-Number****ADR/RID**

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.2 UN proper shipping name**ADR/RID**

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.3 Transport hazard class(es)**ADR/RID**

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.4 Packing group**ADR/RID**

Not applicable

ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.5 Environmental hazard**Marine pollutant**

No

14.6 Special precautions for user**Special precaution for user** Not applicable**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

14.8 ICAO/IATA – DGR

Not regulated as dangerous good

SECTION 15: REGULATORY INFORMATION**15.1 Safe, health and environmental regulations/legislation specific for the substance or mixture****Inventory - United States - Toxic Substances Control Act (TSCA)**

Substance is listed.

Canada Domestic Substances List (DSL)

Substrate is listed.

Canada Non-Domestic Substances List (NDSL)

Substance is not listed.

European Inventory of Existing Chemical Substances (EINECS)

Substrate is listed.

Japan Existing and New Chemical Substances (ENCS)

Substance is listed.

China Inventory of Existing Chemical Substance (IECSC)

Substance is listed.

Korean Existing and Evaluated Chemical Substances (KECL)

Substance is listed.

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Substance is not listed.

Australian Inventory of Chemical Substances (AICS)

Substance is listed.

National regulations**Other regulations, limitations and prohibitive regulations**

Not determined

Substances of very high concern (SVHC) according to REACH, Article 59(10)

Not determined

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

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Abbreviations and acronyms

NOAEL: Non Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
NOEC: No Observed Effect Concentration
GHS: Globally Harmonized System of Classification and Labeling Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstract Service (division of the American Chemical Society)
VbF: Ordinance on the storage of combustible liquids, Austria
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substances of Very High Concern
PBT: Persistent Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
STOT: Specific Target Organ Toxicity
ADR: Agreement on Dangerous Goods by Road
RID: Regulations concerning the Intl Transport of Dangerous Goods by Rail
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Dangerous Goods
IATA: International Air Transport Association

Sources

Own data from manufacture
Chemical safety report according to REACH registration dossier