

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5047**

Version: 5

Revision: 2020.05.27

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

### 1.1 Product identifier

Trade name	<b>Corum 5047</b>
CAS number	90052-75-8

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

<b>Recommended Use</b>	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
<b>Uses advised against</b>	Not determined
<b>Product category</b>	Not determined
<b>Process category</b>	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](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

<b>Company phone number</b>	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.
Octyldodecyl Stearoyl Stearate	90052-75-8	289-991-0

## SECTION 4: FIRST AID MEASURES

4.1 **Description of first aid measures**

<b>General information</b>	No special measures required
<b>After inhalation</b>	Supply fresh air; consult a doctor in case of complaints.
<b>After skin contact</b>	Generally the product does not irritate the skin.
<b>After eye contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

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

<b>Note to physicians</b>	No further relevant information available
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## SECTION 5: FIRE-FIGHTING MEASURES

5.1 **Extinguishing media**

**Suitable extinguishing media**

Carbon dioxide

**Unsuitable extinguishing media**

Not determined

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

No further relevant information available

5.3 **Advice for firefighters**

Wear fully protective suit. Wear self-contained breathing apparatus with facepiece.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Not required
- 6.2 Environmental precautions**  
Do not allow product to reach sewage system or any water course.
- 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**                      Keep receptacles tightly sealed.  
Open and handle receptacle with care.  
Avoid contact with hot product.
- 7.2 Conditions for safe storage, including any incompatibilities**  
**Storage conditions**                      Store in a cool location.  
Store in closed containers, in dry place and well ventilated.  
Store away from oxidizing agents.  
Solidification may occur at low temperatures. If solidification occurs, heat and stir well at 50 °C before use.
- Incompatible materials**                      Avoid reaction with strong oxidizing agents.
- 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.

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**8.2 Exposure controls****Personal protective equipment**

**Respiration protection** Not necessary if room is well-ventilated

**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 preparation/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** Safety glasses

**General protective measure** Avoid contact with the eyes and skin.

**General hygiene measure** The usual precautionary measures are to be adhered to when handling chemicals.  
Appropriate engineering controls to avoid dust in air

**Environmental exposure controls** Not determined

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

<b>Physical State</b>	Lipid
<b>Appearance</b>	Lipid
<b>Color</b>	Light yellow
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined

**Property**

<b>pH value (5%)</b>	Not determined
<b>Melting point/Melting range</b>	Not determined
<b>Boiling point/Boiling range</b>	Not determined
<b>Flash point</b>	263 °C
<b>Flammability (solid, gaseous)</b>	Not determined
<b>Ignition temperature</b>	Not determined

<b>Decomposition temperature</b>	Not determined
<b>Self-igniting</b>	Not determined
<b>Danger of explosion</b>	Product does not present an explosion hazard.
<b>Explosion limit</b>	
<b>Lower</b>	Not determined
<b>Upper</b>	Not determined
<b>Oxidizing properties</b>	Not determined
<b>Explosive properties</b>	Not determined
<b>Vapor pressure</b>	Not determined
<b>Density at 20 °C</b>	0.872 g/cm <sup>3</sup>
<b>Vapor density</b>	Not determined
<b>Relative density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility</b>	Insoluble Partly soluble in propylene glycol Soluble in mineral oil Soluble in Isopropyl Myristate
<b>Partition coefficient (n-octanol/water at 25 °C)</b>	Not determined
<b>Kinematic viscosity</b>	Not applicable
<b>Dynamic viscosity</b>	Not applicable
<b>9.2 Other information</b>	
<b>Surface tension</b>	Not determined
<b>Dissociation constant</b>	Not determined
<b>Granulometry</b>	Not determined
<b>Molecular weight</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity**  
Not determined
- 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
- 10.6 Hazardous decomposition products**  
Carbon monoxide and carbon dioxide

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

	Effect dose/concentration	Value	Species
<b>Substance 90052-75-8 Octyldodecyl Stearoyl Stearate</b>			
Acute oral toxicity	LD50	>2000 mg/kg bw	rat

**Primary Irritant effect****Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory tract**

Not determined

**Respiratory/skin sensitization**

Not determined

**Toxicokinetics, metabolism and distribution**

Not determined

**Repeated dose toxicity**

Not determined

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

Not determined

**Carcinogenicity**

Not determined

**Reproductive toxicity**

Not determined

**STOT-single exposure**

Not determined

**STOT-repeated exposure**

Not determined

**Aspiration hazard**

Not determined

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**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**

Observe community, national or regional regulations for waste handling and treatment.

**13.2 Uncleaning packaging****Recommendation**

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)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**Canada Domestic Substances List (DSL)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**Canada Non-Domestic Substances List (NDSL)**

Substance is not listed.

**European Inventory of Existing Chemical Substances (EINECS)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**Japan Existing and New Chemical Substances (ENCS)**

Substance is not listed.

**China Inventory of Existing Chemical Substance (IECSC)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**Korean Existing and Evaluated Chemical Substances (KECL)**

Substance is not listed.

**Philippines Inventory of Chemicals and Chemical Substances (PICCS)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**Australian Inventory of Chemical Substances (AICS)**

90052-75-8 Octyldodecyl Stearoyl Stearate

**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