

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5014**

Version: 6

Revision: 2020.01.03

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

### 1.1 Product identifier

Trade name **Corum 5014**  
CAS number 2915-72-2 (and) 70682-72-3

### 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](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

**Company phone number** CORUM Tel. 886-2-8751-6060  
Fax. 886-2-8751-6363

## 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

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical characterization:** Mixture

3.2 **Composition/information on ingredients**

Chemical Name	CAS No.	EC No.
Lauryl Benzoate	2915-72-2	220-837-7
Myristyl Benzoate	70682-72-3	274-753-0

## 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 doctor in case of complaints.
<b>After skin contact</b>	Generally the product does not irritate the skin. Wash with water and soap.
<b>After eye contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	Rinse mouth with water. Call for medical help 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**

<b>Suitable extinguishing media</b>	Use fire extinguishing methods suitable to surrounding conditions.
<b>Unsuitable extinguishing media</b>	Not determined

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

No further relevant information available

5.3 **Advice for firefighters**

No special measures required

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## 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).  
Sweep up, place in a bag and hold for waste disposal.
- 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**                      No special measures required
- 7.2 Conditions for safe storage, including any incompatibilities**
- |                               |  |
|-------------------------------|--|
| <b>Storage conditions</b>     | Further information about storage conditions:<br>Protect from heat and direct sunlight.<br>Protect from humidity and water.<br>Protect from exposure to the light.<br>Keep container tightly sealed.<br>Recommended storage temperature: 25 °C |
| <b>Incompatible materials</b> | No further relevant information available  |
| <b>Storage class (VbF)</b>    | No   |
- 7.3 Specific end use(s)**                      No further relevant information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- |                               |  |
|-------------------------------|--|
| <b>Exposure limits</b>        | The product does not contain relevant quantities of materials with critical values that have to be monitored at the workplace. |
| <b>DNEL</b>                   | Not determined   |
| <b>PNEC</b>                   | Not determined   |
| <b>Additional information</b> | The valid lists during this review were used as 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**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** Chemical 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.

**Environmental exposure controls** Not determined

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	Mild
<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>	214 °C (ASTM D92)

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<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>	Not determined
<b>Vapor density</b>	Not determined
<b>Relative density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility</b>	Soluble in mineral oil Not miscible or difficult to mix with water Soluble in isopropyl alcohol 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>Solvent content</b>	
<b>Organic solvent</b>	0.0%
<b>Water</b>	1%
<b>VOC (EC)</b>	0%

**9.2 Other information**

<b>Surface tension</b>	Not determined
<b>Dissociation constant</b>	Not determined
<b>Granulometry</b>	Not determined
<b>Molecular weight</b>	Not determined
<b>Colour (APHA)</b>	50 max
<b>Acid value (mg KOH/g)</b>	2 max
<b>Saponification value (mg KOH/g)</b>	167-185

**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

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**10.4 Conditions to avoid**

No further relevant information available

**10.5 Incompatible materials**

No further relevant information available

**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**

	<b>Effect dose/concentration</b>	<b>Value</b>	<b>Species</b>
Acute oral toxicity	LD50	>2000 mg/kg bw (based on raw materials)	rat

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

No irritant effect

Patch test, tested at 100% actives / 48 hours

**Serious eye damage/irritation**

No irritant effect

**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

**Additional toxicological information**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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## 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

Smaller quantities can be disposed of with household waste.

### 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

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**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)**

2915-72-2 Lauryl Benzoate  
70682-72-3 Myristyl Benzoate

**Canada Domestic Substances List (DSL)**

Substrate is not listed.

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

2915-72-2 Lauryl Benzoate  
70682-72-3 Myristyl Benzoate

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

2915-72-2 Lauryl Benzoate  
70682-72-3 Myristyl Benzoate

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

2915-72-2 Lauryl Benzoate  
70682-72-3 Myristyl Benzoate

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

Substance is not listed.



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

Substance is not listed.

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

Substance is not listed.

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

2915-72-2 Lauryl Benzoate

70682-72-3 Myristyl Benzoate

**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