

# Safety Data Sheet

according to 1907/2006/EC, Article 31, (Commission Regulation (EU) 2020/878)

Trade name: **Corum 5014**

Version: 8

Revision: 2023.05.09

## 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 114729, 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  
**The substance does not have endocrine disrupting properties.**

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Composition/information on ingredients

Name	Product Identifier	Classification	SCLs, M-Factors	Concentration (% w/w)
Lauryl Benzoate	Dodecyl benzoate (CAS No.) 2915-72-2 (EC No.) 220-837-7	-	-	25-50%
Myristyl Benzoate	Tetradecyl benzoate (CAS No.) 70682-72-3 (EC No.) 274-753-0	-	-	50-75%

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information

No special measures required.

#### After inhalation

Supply fresh air; consult doctor in case of complaints.

#### After skin contact

Generally the product does not irritate the skin.  
Wash with water and soap.

#### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing

Rinse mouth with water. Call for medical help immediately.

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

#### Symptoms

No further relevant information available

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

#### Note to physicians

No further relevant information available

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use fire extinguishing methods suitable to surrounding conditions.

#### Unsuitable extinguishing media

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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.

## 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

**Storage conditions**

Further information about storage conditions:

Protect from heat and direct sunlight.

Protect from humidity and water.

Protect from exposure to the light.

Keep container tightly sealed.

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

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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 basis.

## 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

**Physical State**

Liquid

**Appearance**

Liquid

**Color**

Clear

**Odor**

Mild

**Odor threshold**

Not determined

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Property

pH value (5%)	Not determined
Melting point/Melting range	Not determined
Boiling point/Boiling range	Not determined
Flash point	214 °C (ASTM D92)
Flammability (solid, gaseous)	Not determined
Ignition temperature	Not determined
Decomposition temperature	Not determined
Self-igniting	Not determined
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	Not determined
Vapor density	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Solubility	Soluble in mineral oil Not miscible or difficult to mix with water Soluble in isopropyl alcohol Soluble in isopropyl myristate
Partition coefficient (n-octanol/water at 25 °C)	Not determined
Kinematic viscosity	Not applicable
Dynamic viscosity	Not applicable
Solvent content	
Organic solvent	0.0%
Water	1%
VOC (EC)	0%

9.2 Other information

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

Information with regard to physical hazard classes

Explosives	Not determined
<b>Flammable Gases and Chemically Unstable Gases</b>	Not determined
<b>Flammable Aerosols</b>	Not determined
<b>Oxidising Gases</b>	Not determined
<b>Gases Under Pressure</b>	Not determined
<b>Flammable Liquids</b>	Not determined
<b>Flammable Solids</b>	Not determined
<b>Self-reactive Substances and Mixtures</b>	Not determined
<b>Pyrophoric Liquids</b>	Not determined
<b>Pyrophoric Solids</b>	Not determined

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## Self-heating Substances and Mixtures

Not determined

## Substances and Mixtures which in contact with water emit flammable gases

Not determined

## Oxidising Liquids

Not determined

## Oxidising Solids

Not determined

## Organic Peroxides

Not determined

## Substances and Mixtures corrosive to Metals

Not determined

## Desensitized Explosives

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

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**

	Effect dose/concentration	Value	Species
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

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**Toxicokinetics, metabolism and distribution** Not determined

**Repeated dose toxicity** Not determined

## CMR effects (carcinogenity, 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.

## 11.2 Information on other hazards

**Endocrine disrupting properties** Substance is not listed.

## 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 Endocrine disrupting properties

Substance is not listed.

### 12.7 Other adverse effects

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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 or ID 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)**

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

**New Zealand Inventory of Chemicals**

Substance is not listed.

**TCSI - Taiwan Chemical Substance Inventory**

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

**OECD - List of High Production Volume Chemicals**

Substance is not listed

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II**

Substance is not listed

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

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Substance is not listed

## **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not 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