

# Safety Data Sheet

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

Trade name: **Corum 5014**

Version: 9

Revision: 2023.11.27

## 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

<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 114729, 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

#### **Results of PBT and vPvB assessment**

##### **PBT:**

Based on available data, the ingredients of this mixture do not meet the PBT criteria (not PBT) according to (EC) 1907/2006, Annex XIII.

##### **vPvB:**

Based on available data, the ingredients of this mixture do not meet the vPvB criteria (not vPvB) according to (EC) 1907/2006, Annex XIII.

#### **Determination of endocrine-disrupting properties**

The product does not contain ingredients with endocrine-disrupting properties for humans.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Composition/information on ingredients

Name	Chemical name	Identification	Classification	SCLs, M-Factors	%
<b>COMPONENT</b>					
<b>Lauryl Benzoate</b>	Dodecyl benzoate	(CAS No.) 2915-72-2 (EC No.) 220-837-7	Not Classified	-	25-50%
<b>Myristyl Benzoate</b>	Tetradecyl benzoate	(CAS No.) 70682-72-3 (EC No.) 274-753-0	Not Classified	-	50-75%

## 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; seek medical advice if symptoms persist.
<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

**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

Not determined

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

No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:**

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.

**Information about fire - and explosion protection:**

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

**Requirements to be met by storerooms and receptacles**

No special measures required.

**Information about storage in common storage facility**

Not required

**Further information about storage conditions**

None

**7.3 Specific end use(s)**

No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace**

<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.

8.2 Exposure controls

<b>Appropriate engineering controls</b>	Ensure that eyewash and safety showers are in close proximity to work location. Good general ventilation is recommended for handling the product. No further data; see section 7.
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**Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

**Personal protective equipment**

<b>Respiration protection</b>	Not necessary if room is well-ventilated.
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**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.

<b>Penetration time of glove material</b>	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
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<b>Eye protection</b>	Chemical safety glasses
<b>General protective measure</b>	Avoid contact with the eyes and skin.
<b>General hygiene measure</b>	The usual precautionary measures are to be adhered to when handling chemicals.

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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

**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

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## Information with regard to physical hazard classes

<b>Explosives</b>	Void
<b>Flammable Gases and Chemically Unstable Gases</b>	Void
<b>Flammable Aerosols</b>	Void
<b>Oxidising Gases</b>	Void
<b>Gases Under Pressure</b>	Void
<b>Flammable Liquids</b>	Void
<b>Flammable Solids</b>	Void
<b>Self-reactive Substances and Mixtures</b>	Void
<b>Pyrophoric Liquids</b>	Void
<b>Pyrophoric Solids</b>	Void
<b>Self-heating Substances and Mixtures</b>	Void
<b>Substances and Mixtures which in contact with water emit flammable gases</b>	Void
<b>Oxidising Liquids</b>	Void
<b>Oxidising Solids</b>	Void
<b>Organic Peroxides</b>	Void
<b>Substances and Mixtures corrosive to Metals</b>	Void
<b>Desensitized Explosives</b>	Void

## 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

Name	Lauryl Benzoate CAS:2915-72-2	Myristyl Benzoate CAS:70682-72-3
<b>Acute toxicity</b>	Not Classified	Not Classified

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	*Oral LD50 >2000 mg/kg bw (rat) (based on raw materials)	*Oral LD50 >2000 mg/kg bw (rat) (based on raw materials)
<b>Skin corrosion/irritation</b>	Not Classified	Not Classified
<b>Serious eye damage/irritation</b>	Not Classified	Not Classified
<b>Respiratory tract</b>	Not determined	Not determined
<b>Respiratory/skin sensitization</b>	Not Classified	Not Classified
<b>Toxicokinetics, metabolism and distribution</b>	Not determined	Not determined
<b>Repeated dose toxicity</b>	Not Classified	Not Classified
<b>Germ Cell mutagenicity</b>	Not Classified	Not Classified
<b>Carcinogenicity</b>	Not Classified	Not Classified
<b>Reproductive toxicity</b>	Not Classified	Not Classified
<b>STOT-single exposure</b>	Not determined	Not determined
<b>STOT-repeated exposure</b>	Not determined	Not determined
<b>Aspiration hazard</b>	Not determined	Not determined

\*from ECHA webpage registration data

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

<b>Endocrine disrupting properties</b>	Substance is not listed.
<b>Skin irritation</b>	Non irritant. (Corum 5014)

## SECTION 12: ECOLOGICAL INFORMATION

Name	Lauryl Benzoate CAS:2915-72-2	Myristyl Benzoate CAS:70682-72-3
<b>12.1 Toxicity</b> Aquatic toxicity	No further relevant information available.	No further relevant information available.
<b>12.2 Persistence and degradability</b>	No further relevant information available.	No further relevant information available.
<b>12.3 Bioaccumulative potential</b>	No further relevant information available.	No further relevant information available.
<b>12.4 Mobility in soil</b>	No further relevant information available.	No further relevant information available.
<b>12.5 Results of PBT and vPvB assessment</b>	<b>PBT:</b> Not applicable <b>vPvB:</b> Not applicable	<b>PBT:</b> Not applicable <b>vPvB:</b> Not applicable
<b>12.6 Endocrine disrupting properties</b>	The product does not contain substances with endocrine disrupting properties.	The product does not contain substances with endocrine disrupting properties.
<b>12.7 Other adverse effects</b>	No further relevant information available.	No further relevant information available.

\*from ECHA webpage registration data

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

<b>Recommendation</b>	Smaller quantities can be disposed of with household waste.
<b>European waste catalogue</b>	Not applicable

### 13.2 Uncleaning packaging

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**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
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**14.6 Special precautions for user**

Special precaution for user	Not applicable
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**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

**14.9 Maritime transport in bulk according to**

IMO instruments	Not applicable
UN "Model Regulation"	Not applicable

## SECTION 15: REGULATORY INFORMATION

**15.1 Safe, health and environmental regulations/legislation specific for the substance or mixture**

Name	Lauryl Benzoate CAS:2915-72-2	Myristyl Benzoate CAS:70682-72-3
Inventory - United States - Toxic Substances Control Act (TSCA)	Y	Y
Inventory - Canada - Domestic Substances List (DSL)	N	N



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Inventory - Canada - Non-Domestic Substances List (NDSL)	Y	Y
Inventory - Canada - Revised In Commerce List (R-ICL)	N	N
ECHA Inventory of substances	Y	Y
Japan Existing and New Chemical Substances (ENCS)	Y	Y
Inventory of Existing Chemical Substances in China (IECSC)	N	N
Korean Existing and Evaluated Chemical Substances (KECL)	N	N
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	N	N
Australian Inventory of Industrial Chemicals (AIIC)	Y	Y
New Zealand Inventory of Chemicals	N	N
TCSI - Taiwan Chemical Substance Inventory	Y	Y
OECD - List of High Production Volume Chemicals	N	N

Y : listed, N : not listed, E : exempted

#### Directive 2004/42/EC

##### Seveso category

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))

Substance is not listed.

##### Annex II - REPORTABLE EXPLOSIVES PRECURSORS

Substance is not listed.

#### Regulation (EC) No 273/2004 on drug precursors

Substance is not listed.

#### Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

Substance is not listed.

#### Regulation (EC) No 1005/2009 on substances that deplete the ozone layer - ANNEX I (Ozone-depleting potential)

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)

Substance is not listed.

## 15.2 Chemical safety assessment

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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