

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

Version: 3

Revision: 2023.01.11

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

1.1 Product identifier

Trade name	Corum 5089
CAS number	40445-72-5

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

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

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

Version: 3

Revision: 2023.01.11

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization: Substance

3.2 Composition/information on ingredients

INCI Name	Chemical Name	CAS No.	EC No.
Cholesteryl Hydroxystearate	Cholest-5-en-3-ol, 12-hydroxyoctadecanoate	40445-72-5	----

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information	Not determined.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin. Immediately rinse with water.
After eye contact	Rinse opened eye for 15 minutes under running water. If symptoms persist, consult a doctor. Check for and remove any contact lenses
After swallowing	Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

Carbon dioxide.

Unsuitable extinguishing media

Not determined.

5.2 Special hazards arising from the substance or mixture

Not classified as flammable, but will burn if involved in a fire.

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

Version: 3

Revision: 2023.01.11

5.3 Advice for firefighters

Wear protective clothing and glasses

Wear self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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

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**

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

Avoid contact with skin and eyes.

Keep receptacles tightly sealed.

7.2 Conditions for safe storage, including any incompatibilities**Storage conditions**

Store in a cool location.

Store in cool, dry conditions in well sealed receptacles.

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.

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

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Revision: 2023.01.11

Additional information The lists valid during the making were used as 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 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 Chemical safety goggles.
Face protection.

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	Paste
Appearance	Paste
Color	Pale yellow
Odor	Faint
Odor threshold	Not determined

Property

pH value	Not determined
Melting point/Melting range	50~60 °C

Boiling point/Boiling range	Not determined
Flash point	Not determined
Flammability (solid, gaseous)	Not applicable
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 applicable
Solubility in / Miscibility with water at 20 °C	Insoluble
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

The product is stable and doesn't react under normal conditions.

10.2 Chemical stability

Stable at environment temperature.

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

Heat, fire, moisture and incompatible substances.

10.5 Incompatible materials

Strong acids
Strong bases

10.6 Hazardous decomposition products

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

Version: 3

Revision: 2023.01.11

No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification

No further relevant information available

Skin corrosion/irritation

This product is not classified as skin irritant.

Serious eye damage/irritation

Not irritant effect.

Respiratory tract

Not determined

Respiratory/skin sensitization

Not determined

Additional toxicological information

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

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

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5089**

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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.

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 A 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 not listed.

Canada Domestic Substances List (DSL)

Substrate is not listed.

Canada Non-Domestic Substances List (NDSL)

Substance is not listed.

European Inventory of Existing Chemical Substances (EINECS)

Substrate is not listed.

Japan Existing and New Chemical Substances (ENCS)

Substance is not listed.

China Inventory of Existing Chemical Substance (IECSC)

Substance is 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)

Substance is listed.

New Zealand Inventory of Chemicals

Substance not listed.

TCSI - Taiwan Chemical Substance Inventory

Substance is listed.

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))**

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 RoadRID: 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