

Safety data sheet

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

Trade name: **Corum 9800**

Version: 8

Revision: 2023.05.16

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

1.1 Product identifier

Trade name	Corum 9800
INCI name	Melaleuca Alternifolia (Tea Tree) Leaf Oil (and) Alcohol (and) PEG-40 Hydrogenated Castor Oil
CAS number	8022-72-8 (and) 64-17-5 (and) 61788-85-0

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

Flam. Liq. 2	H225 Highly flammable liquid and vapour.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Eye Irrit. 2	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
Repr. 2	H361 Suspected of damaging fertility or the unborn child.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Label according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02, GHS07, GHS08, GHS09

Signal word

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Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P403+P235 Store in a well-ventilated place. Keep cool.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/ Do NOT induce vomiting.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

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	Concentration (% w/w)
Melaleuca Alternifolia (Tea Tree) Leaf Oil	Oils, Melaleuca	(CAS No.) 8022-72-8 (EC No.) 617-013-8	Asp. Tox. 1 H304 Eye Irrit. 2 H319 STOT SE 3 H336 Repr. 2 H361 Aquatic Chronic 2 H411	-	10-15%
Alcohol	Ethanol	(CAS No.) 64-17-5 (EC No.) 200-578-6	Flam. Liq. 2 H225	-	20%
PEG-40 Hydrogenat ed Castor Oil	Castor oil, hydrogenated, ethoxylated	(CAS No.) 61788-85-0 (EC No.) 500-147-5	Not Classified	-	20%
Water	-	(CAS No.) 7732-18-5	Not Classified	-	45-50%

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		(EC No.) 231-791-2		
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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information	Remove contaminated clothing. Seek medical treatment.
After inhalation	Supply fresh air. Consult a doctor in case of complaints.
After skin contact	Immediately wash with soap and copious amounts of water. If symptoms develop, seek medical attention.
After eye contact	Rinse opened eye for 15 minutes under running water. If symptoms persist, consult a doctor.
After swallowing	Rinse mouth with water. Call 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

Use fire extinguishing methods suitable to surrounding conditions.

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

Protective equipment:

No special measures required

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

May have particular danger of slipping on leaked/spilled product.

Avoid contact with skin, eyes, and clothes.

6.2 Environmental precautions

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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, and sawdust). Sweep up, place in a bag, and hold for waste disposal.

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

No special precautions are necessary if used correctly.
Avoid free fall and splashing.
Prevent the risk of slipping.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Protect from heat and direct sunlight.
Protect from humidity and water.
Protect from exposure to the light. Keep container tightly sealed.

Incompatible materials

None known based on information supplied

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

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

Appropriate engineering controls

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.

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

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 cannot 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 goggles

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

No further relevant information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Liquid
Color	Clear to slightly yellow
Odor	Characteristic
Odor threshold	Not determined

Property

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pH value	4.5-6.5
Melting point/Melting range	Not determined
Boiling point/Boiling range	>35°C
Flash point	28°C
Flammability (solid, gaseous)	Not applicable
Ignition temperature	Not determined
Decomposition temperature	Not determined
Self-igniting	Not determined
Danger of explosion	Not determined
Explosion limit	
Lower	Not determined
Upper	Not determined
Oxidizing properties	Not determined
Explosive properties	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Evaporation rate	Not determined
Solubility	Not determined
Partition coefficient (n-octanol/water at 25 °C)	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined

9.2 Other information

Information with regard to physical hazard classes

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

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not determined

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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 material

Strong oxidizing agents

Strong acids

Strong bases

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification

None of the components is classified as hazardous for acute oral, dermal or inhalation exposure.

Primary Irritant effect

Skin corrosion/irritation

None of the components is classified as skin irritant.

Serious eye damage/irritation

Not irritating effect

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

Respiratory tract

Not determined

Respiratory/skin sensitization

None of the components is classified as skin sensitizer.

Respiratory sensitization 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.

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

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STOT-single exposure Not determined

STOT-repeated exposure Not determined

Aspiration hazard Not determined

11.2 Information on other hazards

Endocrine disrupting properties Substance is not listed

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

None of the components is classified as hazardous for acute aquatic toxicity.

12.2 Persistence and degradability

Biodegradable

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

PBT: Not applicable.

vPvB: Not applicable

12.6 Endocrine disrupting properties

Substance is not listed

12.7 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Incineration

Observe federal, state and local environmental regulations.

European waste catalogue

HP3

Flammable

HP4

Irritant - skin irritation and eye damage

HP5

Specific Target Organ Toxicity (STOT)/ Aspiration Toxicity

HP10

Toxic for reproduction

HP14

Ecotoxic

13.2 Uncleaning packaging

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Recommendation

Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.
Packaging that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: TRANSPORT INFORMATION

- | | | |
|------|---|--------------------------|
| 14.1 | <u>UN number or ID number</u> | 1170 |
| 14.2 | <u>UN proper shipping name</u> | ETHANOL SOLUTION |
| 14.3 | <u>Transport hazard class(es)</u> | Class 3 flammable liquid |
| 14.4 | <u>Packing group</u> | Packing Group III |
| 14.5 | <u>Environmental hazard</u>
Marine pollutant | No |
| 14.6 | <u>Special precautions for user</u>
Special precaution for user | Not applicable |
| 14.7 | <u>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>
Not applicable | |

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)

64-17-5 Ethanol

61788-85-0 Castor oil, hydrogenated, ethoxylated

7732-18-5 Water

Inventory - Canada - Domestic Substances List (DSL)

64-17-5 Ethyl alcohol

61788-85-0 Castor oil, hydrogenated, ethoxylated

7732-18-5 Water

Inventory - Canada Non-Domestic Substances List (NDSL)

Substance is not listed

European Inventory of Existing Chemical Substances (EINECS)

64-17-5 Ethanol

61788-85-0 Castor oil, hydrogenated, ethoxylated

7732-18-5 Water

Japan Existing and New Chemical Substances (ENCS)

64-17-5 Ethanol

61788-85-0 Castor oil, hydrogenated, ethoxylated

7732-18-5 Water

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Inventory of Existing Chemical Substances in China (IECSC)

64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

Inventory - Korea - Existing and Evaluated Chemical Substances(KECL)

64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

64-17-5 Ethyl alcohol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

Australian Inventory of Industrial Chemicals (AIIC)

8022-72-8 Oils, Melaleuca
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

New Zealand Inventory of Chemicals

8022-72-8 Oils, Melaleuca
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

TCSI - Taiwan Chemical Substance Inventory

8022-72-8 Oils, Melaleuca
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated
7732-18-5 Water

OECD - List of High Production Volume Chemicals

64-17-5 Ethanol
7732-18-5 Water

Directive 2004/42/EC

Seveso category E2 E2 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
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

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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 (Ozonedepleting 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)

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

WAF: Water Accommodated Fraction

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

STOT: Specific target organ toxicity

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

PBT: Persistent Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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