

Safety Data Sheet

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

Trade name: **Corum 9800**

Version: 9

Revision: 2023.10.17

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

Acute Tox. 4	H302 Harmful if swallowed.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Skin Irrit. 2	H315 Causes skin irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
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.
Flam. Liq. 2	H225 Highly flammable liquid and vapour.

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

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GHS02, GHS07, GHS08, GHS09

Signal word

Danger

Hazard statements

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.

H225 Highly flammable liquid and vapour.

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	%
COMPONENT					
Melaleuca Alternifolia (Tea Tree) Leaf Oil	Oils, Melaleuca	(CAS No.) 8022-72-8 (EC No.) 617-013-8	Acute Tox. 4 H302 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H336 Repr. 2 H361	-	10-15%

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			Aquatic Chronic 2 H411		
Alcohol	Ethanol	(CAS No.) 64-17-5 (EC No.) 200-578-6	Flam. Liq. 2 H225	-	20%
PEG-40 Hydrogenated 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 (EC No.) 231-791-2	Not Classified	-	45-50%

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:

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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

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

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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.

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

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Color	Clear to slightly yellow
Odor	Characteristic
Odor threshold	Not determined

Property

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

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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 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

Name	Melaleuca Alternifolia (Tea Tree) Leaf Oil CAS:8022-72-8	Alcohol CAS:64-17-5	PEG-40 Hydrogenated Castor Oil CAS:61788-85-0	Water CAS:7732-18-5
Acute toxicity	*Acute Tox. 4	Based on the results, the test substance do not require any classification according to EU and GHS standards.	Based on the available information no classification for acute toxicity is necessary according to Regulation (EC) No 1272/2008 (CLP).	Not Classified
Skin corrosion/irritation	*Skin Irrit. 2	*No adverse effect observed (not irritating)	*No adverse effect observed (not irritating)	Not Classified
Serious eye damage/irritation	*Eye Irrit. 2	*Adverse effect observed (irritating)	*No adverse effect observed (not irritating)	Not Classified
Respiratory tract	Not determined	Not determined	Not determined	Not Classified
Respiratory/skin sensitization	*Skin Sens. 1	*No adverse effect observed (not sensitising)	Based on the available information no classification for sensitization is necessary according to Regulation (EC) No 1272/2008 (CLP).	Not Classified
Toxicokinetics, metabolism and distribution	Not determined	Not determined	Not determined	Not Classified
Repeated dose toxicity	Not determined	*Repeated dose toxicity: via oral route -	Based on the available information no	Not Classified

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		systemic effects (target organ) digestive: liver	classification for repeated dose toxicity is necessary according to Regulation (EC) No 1272/2008 (CLP).	
Germ Cell mutagenicity	Not determined	There is no significant evidence that ethanol is a genotoxic hazard according to the criteria applied normally applied for the purposes of classification.	*No adverse effect observed (negative)	Not Classified
Carcinogenicity	Not determined	*Rats: No effect level >3000mg/kg *Mice(B6C3F1):Females: NOAEL>44000mg/kg (cancer), Males: NOAEL>4250mg/kg (based on historic control data), Males BMDL10=1400mg/kg (based on concurrent control data)	Not determined	Not Classified
Reproductive toxicity	*Repr. 2	The adverse effects from the effects of ethanol treatment are only seen at very high doses only relevant to deliberate and repeated oral consumption of ethanol.	Based on the available information no classification for reproduction/developmental toxicity is necessary according to Regulation (EC) No 1272/2008 (CLP).	Not Classified
STOT-single exposure	*STOT SE 3	Not determined	Not determined	Not Classified
STOT-repeated exposure	Not determined	Not determined	Not determined	Not Classified
Aspiration hazard	*Asp. Tox. 1	Not determined	Not determined	Not Classified

*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

Endocrine disrupting properties Substance is not listed.

SECTION 12: ECOLOGICAL INFORMATION

Name	Melaleuca Alternifolia (Tea Tree) Leaf Oil CAS:8022-72-8	Alcohol CAS:64-17-5	PEG-40 Hydrogenated Castor Oil CAS:61788-85-0	Water CAS:7732-18-5
12.1 Toxicity Aquatic toxicity	*H411 Toxic to aquatic life with long lasting effects.	*The acute toxicity of ethanol to aquatic species is >100mg/l for all trophic levels.	*In a study according to OECD 201, algae were exposed to 0, 0.0625, 0.125, 0.25,	No further relevant information available.

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		This coupled with its ready biodegradability mean that it does not meet the criteria for classification.	0.5 and 1.0 mg/L (vehicle THF) of the substance during 72 hours. The highest concentration was based on the limited solubility of the substance. Effects on growth rate were seen at 1.0 mg/L, while effects on yield were observed at 0.5 mg/L. EC50 values for both growth rate and yield were > 1.0 mg/L.	
12.2 Persistence and degradability	No further relevant information available.	*Based on its low partition co-efficient (log _K OW), the substance has a low potential for bioaccumulation.	*The substance is inherently biodegradable (64% over 42 days)	No further relevant information available.
12.3 Bioaccumulative potential	No further relevant information available.	*The substance has a low potential for bioaccumulation (log Kow ₃) and therefore testing for bioaccumulation is not required.	No further relevant information available.	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.	No further relevant information available.	No further relevant information available.	No further relevant information available.
12.5 Results of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable	PBT: Not applicable vPvB: Not applicable	PBT: Not applicable vPvB: Not applicable	PBT: Not applicable vPvB: Not applicable
12.6 Endocrine disrupting properties	The product does not contain substances with endocrine disrupting properties.	The product does not contain substances with endocrine disrupting properties.	The product does not contain substances with endocrine disrupting properties.	The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects	No further relevant information available.	No further relevant information available.	No further relevant information available.	No further relevant information available.

*from ECHA webpage registration data

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Incineration

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European waste catalogue

HP3
HP4
HP5
HP10
HP14

Observe federal, state and local environmental regulations.

Flammable
Irritant - skin irritation and eye damage
Specific Target Organ Toxicity (STOT)/ Aspiration Toxicity
Toxic for reproduction
Ecotoxic

13.2 Uncleaning packaging

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 UN number or ID number** 1170
- 14.2 UN proper shipping name** ETHANOL SOLUTION
- 14.3 Transport hazard class(es)** Class 3 flammable liquid
- 14.4 Packing group** Packing Group III
- 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

SECTION 15: REGULATORY INFORMATION

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

Name	Melaleuca Alternifolia (Tea Tree) Leaf Oil CAS:8022-72-8	Alcohol CAS:64-17-5	PEG-40 Hydrogenated Castor Oil CAS:61788-85-0	Water CAS:7732-18-5
Inventory - United States - Toxic Substances Control Act (TSCA)	N	Y	Y	Y
Inventory - Canada - Domestic Substances List (DSL)	N	Y	Y	Y
Inventory - Canada Non- Domestic Substances List (NDSL)	N	N	N	N
ECHA Inventory of substances	Y	Y	Y	Y

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Japan Existing and New Chemical Substances (ENCS)	N	Y	Y	N
Inventory of Existing Chemical Substances in China (IECSC)	N	Y	Y	Y
Korean Existing and Evaluated Chemical Substances (KECL)	N	Y	Y	Y
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	N	Y	Y	Y
Australian Inventory of Industrial Chemicals (AIIC)	Y	Y	Y	Y
New Zealand Inventory of Chemicals	Y	Y	Y	Y
TCSI - Taiwan Chemical Substance Inventory	Y	Y	Y	Y
OECD - List of High Production Volume Chemicals	N	Y	N	Y

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

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: 40

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

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Substances of very high concern (SVHC) according to REACH, Article 59(10)

Substance is not listed.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of CORUM Inc. It relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. CORUM Inc. assumes no legal responsibility for use of or reliance upon this information.

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