

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

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	68647-73-4 (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
Uses advised against	SU22 Professional uses 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 11492, 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
----------------------	--

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02
Flam. Liq. 3, H226: Flammable liquid and vapor

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

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapor


Precautionary statements

P210: Keep away from heat.

2.3 Other hazards**Results of PBT and vPvB assessment**

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Chemical characterization: Mixtures**3.2 Composition/information on ingredients**

INCI Name	Chemical Name	CAS No.	EC No.
Melaleuca Alternifolia (Tea Tree) Leaf Oil	Oils, tea-tree	68647-73-4	285-377-1
PEG-40 Hydrogenated Castor Oil	Castor oil, hydrogenated, ethoxylated	61788-85-0	-
Alcohol	 Ethanol Flam. Liq. 2, H225	64-17-5	200-578-6
Water	-	7732-18-5	231-791-2

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

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

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**

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.

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

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

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
Additional information	The valid lists during this review were used as a 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 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

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

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
<u>Property</u>	
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 No further relevant information available

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

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

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

STOT-single exposure

Not determined

STOT-repeated exposure

Not determined

Safety data sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 9800**

Version: 6

Revision: 2020.01.03

Aspiration hazard

Not determined

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

Not applicable

12.6 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.

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 cleaned are to be disposed of in the same manner as the product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-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****Inventory - United States - Toxic Substances Control Act (TSCA)**

68647-73-4 Oils, tea-tree
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated

Inventory - Canada - Domestic Substances List (DSL)

68647-73-4 Oils, tea-tree
64-17-5 Ethyl alcohol
61788-85-0 Castor oil, hydrogenated, ethoxylated

Philippines Inventory of Chemicals and Chemical Substances

68647-73-4 Oils, tea-tree
64-17-5 Ethyl alcohol
61788-85-0 Castor oil, hydrogenated, ethoxylated

China Inventory of Existing Chemical Substance (IECSC)

68647-73-4 Oils, tea-tree
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated

Australian Inventory of Chemical Substances

68647-73-4 Oils, tea-tree
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated

Inventory - Korea - Existing Chemical List (KECI)

68647-73-4 Oils, tea-tree
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated

New Zealand Inventory of Chemicals

68647-73-4 Oils, tea-tree
64-17-5 Ethanol
61788-85-0 Castor oil, hydrogenated, ethoxylated

Japan Existing and New Chemical Substances (ENCS)

68647-73-4 Oils, tea-tree

64-17-5 Ethanol

61788-85-0 Castor oil, hydrogenated, ethoxylated

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

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