

WAX EMULSIFIER 2106

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Version : 2 - 1 / USA

Revision Date: 06/19/2015
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SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
Information of the substance/preparation:	Product Safety 1-704-331-7710
Emergency tel. number:	+1 800-424-9300 CHEMTREC

Trade name: WAX EMULSIFIER 2106
Material number: 105193

Primary product use: Additive
Chemical family: mixture of alkyl and alkylaryl oxethylates

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

No additional hazards are known except those derived from the labelling.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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Chemical Name	CAS-No.	Concentration (%)
Poly(oxy-1,2-ethanediyl), .alpha.-(tributylphenyl)-.omega.-hydroxy-	9046-09-7	30 - 40
Alcohols, C16-18, ethoxylated	68439-49-6	30 - 40
Ethoxylated oleyl alcohol	9004-98-2	30 - 40

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

- General advice : Get medical advice/ attention if you feel unwell.
- If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.
- In case of skin contact : Wash with soap and water. Contact physician if irritation or other symptoms occur. If hot wax strikes skin, drench or immerse the area in water to assist cooling. Do not remove wax from a burn after it cools. Consult a physician.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.
Call a physician immediately.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
- Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Foam
Carbon dioxide (CO₂)
Dry powder
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : None known.

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- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment for firefighters : Wear personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Wearing appropriate personal protective equipment, contain spill and collect into a suitable container.
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Environmental precautions : Do not let product enter drains.
- Methods and materials for containment and cleaning up : Take up mechanically

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special measures necessary.
- Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.
Wash thoroughly after handling.
Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.
- Conditions for safe storage : No special measures necessary.
- Technical measures/Precautions : Keep container closed when not in use.
Store in cool place.
Store in a dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

- Respiratory protection : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.

Hand protection

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Remarks	: Butyl Rubber, PVC Or Neoprene.
Eye protection	: Safety glasses or chemical splash goggles.
Skin and body protection	: Wear suitable protective equipment.
Protective measures	: Observe the usual precautions for handling chemicals.
Hygiene measures	: Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Wax like
Particle size :	Not applicable
Colour	: white
Odour	: not specified
Odour Threshold	: not determined
pH	: approx. 7 (20 °C)Method: DIN EN 1262 1% solution in de-ionised water
Drop point	: approx. 57 °C Method: DIN/ISO 2176
Turbidity point	approx. 54.3 °C
Boiling point	: not determined
Flash point	: approx. 185 °C Method: DIN 51758 (closed cup)
Evaporation rate	: not determined
Flammability (solid, gas)	: not auto-flammable
Upper explosion limit	: not determined
Lower explosion limit	: Not applicable
Combustion number :	not determined
Vapour pressure	: Not applicable
Relative vapour density	: not determined
Density	: 1 - 1.1 g/cm ³ (23 °C)

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Method: ISO 1183

Solubility(ies)	
Water solubility	: miscible (20 °C)
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: not determined
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No decomposition if used as directed.
Viscosity	
Viscosity, dynamic	: approx. 80 mPa.s (50 °C) Method: DIN 53019
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive Method: Expert judgement
Oxidizing properties	: The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
Self-Accelerating decomposition temperature (SADT)	: > 75 °C

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Stable
Conditions to avoid	: Protect from heat/overheating.
Incompatible materials	: none
Hazardous decomposition	: When handled and stored appropriately, no dangerous

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products

decomposition products are known

The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact

Skin contact

Ingestion

Inhalation

Acute toxicity**Product:**

Acute oral toxicity : Acute toxicity estimate: 729.93 mg/kg
Method: Calculation method

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

Components:**Ethoxylated oleyl alcohol:**

Acute oral toxicity : LD50: > 2,000 mg/kg
Method: Expert judgement

Skin corrosion/irritation**Product:**

Species: Rabbit

Exposure time: 4 h

Assessment: No skin irritation

Method: OECD Test Guideline 404

Result: No skin irritation

GLP: yes

Components:**Ethoxylated oleyl alcohol:**

Species: Rabbit

Method: estimated

Result: Moderate eye irritation

Serious eye damage/eye irritation**Product:**

Species: rabbit eye

Result: slight irritant effect - does not require labelling

Assessment: No eye irritation

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Method: OECD Test Guideline 405

GLP: yes

Components:**Ethoxylated oleyl alcohol:**

Result: Irritating to eyes.

Method: estimated

Respiratory or skin sensitisation**Product:**

Remarks: no data available

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - : No information available.

Assessment

Carcinogenicity**Product:**

Carcinogenicity - : No information available.

Assessment

IARC

Not listed

OSHA

Not listed

NTP

Not listed

Reproductive toxicity**Product:**

Reproductive toxicity - : No information available.

Assessment

Repeated dose toxicity**Product:**

Remarks: This information is not available.

Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

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SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: no data availableToxicity to daphnia and other
aquatic invertebrates :
Remarks: no data availableToxicity to algae :
Remarks: no data availableToxicity to bacteria :
Remarks: no data availableEcotoxicology Assessment
Acute aquatic toxicity : no data available**Components:****Ethoxylated oleyl alcohol:**

Ecotoxicology Assessment

Persistence and degradability**Product:**Biodegradability :
Remarks: This property is substance-specific and therefore
cannot be given for the preparation.**Components:****Ethoxylated oleyl alcohol:**Impact on Sewage
Treatment :
Contains no substances known to be hazardous to the
environment or not degradable in waste water treatment
plants.**Bioaccumulative potential****Product:**Bioaccumulation :
Remarks: no data available**Mobility in soil**

no data available

Other adverse effects**Product:**Environmental fate and
pathways :
Remarks: no data availableResults of PBT and vPvB
assessment :
Remarks: no data available

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Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.
Avoid release to the environment.

Components:**Ethoxylated oleyl alcohol:**

Additional ecological information : Based on the present state of our knowledge, this product is to be classified as non hazardous for the environment.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Authorization Act Waste from residues : No -- Not as sold.

Waste from residues : Dispose of spilled or waste product, contaminated soil and other contaminated materials in licensed landfill or treatment facility in accordance with all local, state, and federal regulations.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Packing group: III
UN/ID number: UN 3077
Primary risk: 9
Remarks: Shipment permitted
Hazard inducer(s): TRIBUTYLPHENOLPOLYGLYCOLETHER

IMDG

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Packing group: III
UN no.: UN 3077
Primary risk: 9
Hazard inducer(s): TRIBUTYLPHENOLPOLYGLYCOLETHER
Marine pollutant: Marine Pollutant
EmS: F-A S-F

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SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the

SAFETY DATA SHEET



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product described herein. Data provided here are typical and not intended for use as product specifications.

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