



SDS Report

Samples Name : Rape oil

Client Name : Dongguan Raofeng Electric Co.,Ltd.

Client Address: No.25, Lane 11, Jin Xia Yi Fang, Chang'an Town, Dongguan

Checked by

WenBin Shu

Signed for and on behalf of HCT

Rex

Technical Service Manager





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 1 of 7

Section 1 - Identification of the substance/preparation and of the company/undertaking

Product identifier

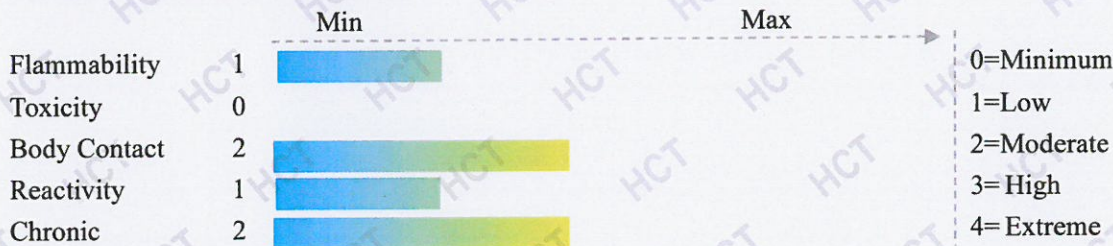
Product Name : Rape oil
 File Numbers : SZC15081583344
 Trade Name : Vegetable oil
 Sample Nature :Oily
 Chemical Uses : Shredder and food machine lubrication
 Transport :Sea
 Packaging :bottle, paper bag
 Export to Europe, America, The Middle East, Southeast Asia

Relevant identified uses of the substance or mixture and uses advised against

Details of the supplier of the safety data sheet

Manufacture/Supplier : Dongguan Raofeng Electric Co.,Ltd.
 Address : No.25, Lane 11, Jin Xia Yi Fang, Chang'an Town, Dongguan
 Information Phone Number :0769-85303827
 Fax : 0769-82284798
 E-mail : zhangzheng@126.com
 Further information obtainable from: Dongguan Raofeng Electric Co.,Ltd

Section 2 - Hazards Identification



Hazards Classification

Not Applicable.

Label elements

Not Applicable.

SIGNAL WORD: Not Applicable.

Section 3 -Composition/Information on Ingredient

Name	CAS No.	EC No	Content (%)
Rape oil	8002-13-9	232-299-0	99.7%
TPHQ	1948-33-0	217-752-2	0.3%





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 2 of 7

Section 4 - First Aid Measures

EYE

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

INHALATION

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

INGESTION

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

FIRE INCOMPATIBILITY

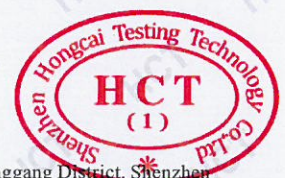
Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent, by any means available, spillage from entering drains or water course.
- Use water delivered as a fine spray to control fire and cool adjacent area.

Fire/Explosion Hazard

- Combustible.
- Slight fire hazard when exposed to heat or flame.
- Heating may cause expansion or decomposition leading to violent rupture of containers.
- On combustion, may emit toxic fumes of carbon monoxide (CO).





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 3 of 7

Section 6 –Accidental Release Measures

MINOR SPILLS

- Slippery when spilt.
- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.

MAJOR SPILLS

Slippery when spilt.

CARE: Absorbent materials wetted with occluded oil must be moistened with water as they may auto-oxidize, become self heating and ignite.

Some oils slowly oxidise when spread in a film and oil on cloths, mops, absorbents may autoxidise and generate heat, smoulder, ignite and burn. In the workplace oily rags should be collected and immersed in water.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

Section 7 - Handling and Storage

PROCEDURE FOR HANDLING

Rags wet / soaked with unsaturated hydrocarbons / drying oils may auto-oxidise; generate heat and, in-time, smoulder and ignite. This is especially the case where oil-soaked materials are folded, bunched, compressed, or piled together - this allows the heat to accumulate or even accelerate the reaction

Oily cleaning rags should be collected regularly and immersed in water, or spread to dry in safe-place away from direct sunlight or stored, immersed, in solvents in suitably closed containers.

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Store in original containers.
- Keep containers securely sealed.
- No smoking, naked lights or ignition sources.
- Store in a cool, dry, well-ventilated area.

Suitable container

- Metal can or drum
- Packaging as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY

- Materials soaked with plant/ vegetable derived (and rarely, animal) oils may undergo spontaneous combustion
- Avoid reaction with oxidising agents





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 4 of 7

Section 8 - Exposure Controls, Personal Protection

EXPOSURE CONTROLS

Appropriate engineering controls

Care: Atmospheres in bulk storages and even apparently empty tanks may be hazardous by oxygen depletion. Atmosphere must be checked before entry.

Requirements of State Authorities concerning conditions for tank entry must be met. Particularly with regard to training of crews for tank entry; work permits; sampling of atmosphere; provision of rescue harness and protective gear as needed

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.

Personal protection



Eye and face protection

- Safety glasses with side shields.
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.

Skin protection

See Hand protection below

Hands/feet protection

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.

Suitability and durability of glove type is dependent on usage.

Body protection

See Other protection below

OTHER

- Overalls.
- P.V.C. apron.
- Barrier cream.

Thermal hazards:Not Available





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 5 of 7

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Color	Canary yellow
Odour	odorless
Form	Liquid
Melting Range (°C)	No data
Boiling Range (°C)	100
Flash Point (°C)	>145
Decomposition Temp (°C)	No data
Autoignition Temp (°C)	No data
Upper Explosive Limit (%)	No data
Lower Explosive Limit (%)	No data
Volatile Component (%vol)	No data
Molecular Weight	No data
Viscosity	No data
Solubility in water (g/L)	insoluble
pH(1% solution)	No data
pH(as supplied)	No data
Vapour Pressure (kPa)	No data
Specific Gravity (water=1)	0.91
Relative Vapour Density (air=1)	No data
Evaporation Rate	No data

Section 10 - Stability and Reactivity

Reactivity

See section 7

Stability

Unstable in the presence of incompatible materials.

Product is considered stable.

Hazardous polymerisation will not occur.

Section 11 - Toxicological Information

Information on toxicological effects

No significant acute toxicological data identified in literature search.





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 6 of 7

Section 12 - Ecological Information

Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Rape oil	No Data available	No Data available	No Data available	No Data available

Section 13 - Disposal Considerations

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use.

Section 14 - Transport Information

HAZCHEM:

Not Applicable

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:

Land transport (ADR)

Air transport (ICAO-IATA / DGR)

Sea transport (IMDG-Code / GGVSee)

Inland waterways transport (ADN)

Section 15 - REGULATORY INFORMATION

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Regulation (EU) No 453/2010, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999





Safety Data Sheet(SDS)

According to EU Regulation No.453/2010

Report No.: SZC15081583344

Date: Aug. 18, 2015

Page 7 of 7

Section 16 - Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This information of section 1, 3 and 9 is provided by Dongguan Raofeng Electric Co.,Ltd

***End ***

This file is considered invalidated without the Special Seal for Inspection of the HCT, This file shall not be altered, increased or deleted. Without written approval of HCT, this report shall not be copied except in full and published as advertisement. The file and the data must not be used in legal affairs, according to the agreement with HCT and the Applicant.

