

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

5.1.1.c Woo

Revision: 5.00 GB (EN)

Issuing date: 16.02.2011

5.1.1.c Woo

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name : 5.1.1.c Woo
Product name : Methyloxirane polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether
CAS-No. : 70880-56-7

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

Uses of the Substance/Mixture : Industry sector: Manufacture of chemical products
Specific use(s): Emulsifier

Details of the supplier of the safety data sheet

Company : 5.1.1.c Woo

Emergency telephone number : 5.1.1.c Woo

E-mail address : 5.1.1.c Woo

2. HAZARDS IDENTIFICATION

Classification

Classification (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Classification (67/548/EEC,1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Label elements

REGULATION (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Other hazards which do not result in classification

Slightly irritating to eyes. No specific risk when handled in accordance with good occupational hygiene and safety practice. Hazardous reactions may occur on contact with certain chemicals. (Refer to the list of incompatible materials section 10: "Stability-Reactivity").

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Methyloxirane polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether

Substance

Chemical nature : Ethoxylated propoxylated polyarylphenol

CAS-No. : 70880-56-7

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. FIRST AID MEASURES

Description of necessary first-aid measures

General advice : First aider needs to protect himself.
Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation : not applicable

Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with plenty of water.

Eye contact : Rinse with running water whilst keeping the eyes wide open (at least 15 minutes)

Ingestion : Do NOT induce vomiting.
Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water spray
Foam
Multi-purpose powders
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Combustible. However, does not present any particular risk in the event of a fire.
On combustion, toxic gases are released.

Advice for firefighters

Special protective equipment for fire-fighters : Self-contained breathing apparatus (EN 133)
Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Specific fire fighting methods : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Personal protective equipment
Wear suitable gloves.
Safety glasses
Wear suitable protective equipment.
Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions : Dam up.
Prevent product from entering drains.

Methods for Cleaning or Taking Up

Recovery : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Pump up the product into a spare container :- suitably labelled.
Keep in suitable, closed containers for disposal.

Decontamination/cleaning : Wash off with plenty of water.

Disposal : Dispose of in accordance with local regulations.

Additional advice : Material can create slippery conditions.

7. HANDLING AND STORAGE

Handling

- Technical measures : Does not require any specific or particular measures.
- Advice on safe handling and usage : Handle in accordance with good industrial hygiene and safety practice.

Storage

- Technical Measures for storage : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.
- Storage conditions
- Recommended : Stable under normal conditions.
Keep in a dry, cool and well-ventilated place.
- Incompatible products : Strong oxidizing agents
Reducing materials.
- Packaging Measures
- Packaging materials - Recommended : Stainless steel, Plastic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Control measures

- Engineering measures : Extract at emission point.

Personal protective equipment

- Respiratory protection : Use a respirator with an approved filter if a risk assessment indicates this is necessary.

Hand protection : Glove material: Neoprene gloves

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Gloves must be inspected prior to use.

Eye protection : Safety glasses

Skin and body protection : Complete suit protecting against chemicals

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Emergency equipment immediately accessible, with instructions for use.
Ensure that eyewash stations and safety showers are close to the workstation location.
Wash hands after handling.
Smoking, eating and drinking should be prohibited in the application area.

Protective measures : The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment.
Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

General advice : Dam up.
: Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : buiten reikwijdte verzoek

Physical state : buiten reikwijdte verzoek

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Colour : buiten reikwijdte verzoek

Odour : buiten reikwijdte verzoek

Odour Threshold : buiten reikwijdte verzoek

Safety data

pH : buiten reikwijdte verzoek

Freezing point : buiten reikwijdte verzoek

Boiling point/boiling range : buiten reikwijdte verzoek

Flash point : buiten reikwijdte verzoek

Flammability (solid, gas) : buiten reikwijdte verzoek

Autoignition temperature : buiten reikwijdte verzoek

Oxidizing properties : buiten reikwijdte verzoek

Water solubility : buiten reikwijdte verzoek

Solubility in other solvents : buiten reikwijdte verzoek

buiten reikwijdte verzoek

Partition coefficient: n-octanol/water : buiten reikwijdte verzoek

Vapour pressure : buiten reikwijdte verzoek

Evaporation rate : buiten reikwijdte verzoek

Relative vapour density : buiten reikwijdte verzoek

Density : buiten reikwijdte verzoek

Oxidation/Reduction Potential : buiten reikwijdte verzoek

Viscosity, dynamic : buiten reikwijdte verzoek

Viscosity, kinematic : buiten reikwijdte verzoek

Explosive properties : buiten reikwijdte verzoek

Thermal decomposition : buiten reikwijdte verzoek

Lower explosion limit : buiten reikwijdte verzoek

Upper explosion limit : buiten reikwijdte verzoek

10. STABILITY AND REACTIVITY

Chemical stability : Stable under normal conditions.

Hazardous reactions

Materials to avoid : Strong oxidizing agents
Reducing agents

Decomposition products : On combustion or on thermal decomposition (pyrolysis) releases:
(Carbon oxides (CO + CO₂)).

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity : LD50 : > 5,000 mg/kg - rat
Unpublished internal reports

Acute inhalation toxicity : no data available

Acute dermal toxicity : LD50 : > 2,000 mg/kg - rat
No mortality observed at this dose.
Unpublished internal reports

Acute toxicity (other routes of administration) : no data available

Aspiration toxicity : no data available

Skin corrosion/irritation

Skin irritation : rabbit
No skin irritation
Unpublished internal reports

Serious eye damage/eye irritation

Eye irritation : rabbit
Mild eye irritant
Unpublished internal reports

Respiratory or skin sensitization

Sensitisation : No information available.

Repeated dose toxicity

Repeated dose toxicity : no data available

STOT

STOT - single exposure : no data available

STOT - repeated exposure : no data available

Carcinogenicity

Carcinogenicity : no data available

Mutagenicity

Genotoxicity in vitro : Mutagenicity (Salmonella typhimurium - reverse mutation assay)
with or without metabolic activation
negative
Unpublished internal reports

Genotoxicity in vivo : no data available

Reproductive toxicity

Reproductive toxicity : no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic Compartment (including sediment)

Toxicity to fish : LC50 - 96 h : > 100 mg/l - Danio rerio (zebra fish)
Unpublished internal reports

Ecotoxicity assessment

Ecotoxicity assessment : The product does not have any known adverse effects on the
aquatic organisms tested

Persistence and degradability

Biodegradability

Biodegradability : Ultimate aerobic biodegradability
Not biodegradable
Published data

Bioaccumulation

Partition coefficient: n-octanol/water : Not applicable Surface-Active

Mobility

Known distribution to environmental compartments : Ultimate destination of the product : Water

13. DISPOSAL CONSIDERATIONS

Product Disposal

Prohibition : Should not be released into the environment.

Advice on Disposal : Dispose of in accordance with local regulations.

Advice on cleaning and disposal of packaging

Measures for waste avoidance. : Do not dispose of the product at a rubbish tip.

Advice : Completely empty the packaging prior to decontamination.
Carefully drain and then steam clean.

Reason for waste disposal : Empty packaging
Dispose of contents/ container to an approved waste disposal plant.

Other data : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR
not regulated

RID
not regulated

IMDG
not regulated

IATA
not regulated

ADN / ADNR
not regulated

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Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in an other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.