

河北圣成隆化工有限公司

HEBEI SANCOLO CHEMICAL CO.,LTD.
EAST SIDE OF ZIYANG AVENUE, GUANTAO COUNTY, HANDAN NEW CHEMICAL PARK, HEBEI CHINA.
Tel: +86-310-7861815 Fax: +86-310-4586555

MATERIAL SAFETY DATA SHEET

TRISTYRYLPHENOL ETHOXYLATES

Issuing date: 16.02.2021

1. PRODUCT DESCRIPTION & COMPANY IDENTIFICATION

Trade Name : Tristyrylphenol Ethoxylates

Product name : Poly(oxy-1,2-ethanediyl), α -phenyl- ω -hydroxy-, styrenated

Chemical Composition:

Tristyrylphenol Ethoxylates +16EO

CAS NO.: 99734-09-5

Molecular Formula: C₃₀H₂₄O.(C₂H₄O)_n

Export HS Code:34021300

CBNumber: CB01214903

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

Uses of the Substance/Mixture :

Industry sector: Manufacture of pesticides and other agrochemical products

Specific use(s): Dispersant agent, Emulsifier

Details of the supplier of the safety data sheet

Company : HEBEI SANCOLO CHEMICAL CO.,LTD.

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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

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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.

Does NOT present any particular fire hazard. On combustion, toxic gases are released.

Hazardous reactions may occur on contact with certain chemicals. The molten product can cause serious burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Poly(oxy-1,2-ethanediyl), α -phenyl- ω -hydroxy-, styrenated

Substance

Chemical nature: Tristyrylphenol ethoxylate

CAS-No. : 99734-09-5

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. Consult a physician if necessary.

Eye contact : not applicable

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

Carbon dioxide (CO₂)

Special hazards arising from the substance or mixture

Specific hazards during fire fighting: Combustible. However, does not present any

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particular risk in the event of a fire.

On combustion, toxic gases are released.

Advice for firefighters

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Boots

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

Impervious gloves

Safety glasses

Protective equipment

Environmental precautions : Liquid substance

Dam up.

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).

Allow to solidify.

Shovel into suitable container for disposal.

Keep in properly labelled containers.

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: No special handling advice required.

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

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systems.

Storage conditions

Recommended : Stable under normal conditions.

Keep in a dry, cool and well-ventilated place.

Incompatible products : Strong oxidizing agents

Strong reducing agents.

Packaging Measures

Packaging materials - Recommended : Stainless steel

Other data : Stable under normal conditions.

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 : Handling molten product:

Neoprene gloves

Do not wear cotton gloves.

Do not wear leather 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 : Handling molten product:

Safety glasses

Skin and body protection : Handling molten product:

Protective suit

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

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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 : Liquid substance

Dam up.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : no data available

Physical state : liquid or solid

Colour : Light yellow or white

Odour : characteristic

Odour Threshold : no data available

Safety data

pH : 5.0 - 7.0 at 5 % (m/v) Aqueous solution

Melting point/range : ca. 50 °C

Boiling point/boiling range : no data available

Flash point : > 100 °C closed cup

Flammability (solid, gas) : no data available

Autoignition temperature : no data available

Water solubility : soluble ca. 1,090 g/l at 50 °C

Solubility in other solvents : organic polar solvents soluble

Aromatic hydrocarbons soluble

Partition coefficient: noctanol/ water: no data available

Vapour pressure : no data available

Evaporation rate : no data available

Relative vapour density : no data available

Density : ca. 1.09 g/cm³ at 50 °C

Oxidation/Reduction Potential : Not considered as oxidizing

Viscosity, dynamic : no data available

Viscosity, kinematic : no data available

Explosive properties : no data available

Thermal decomposition : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

10. STABILITY AND REACTIVITY

Chemical stability : Stable at room temperature.

Hazardous reactions

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Materials to avoid : Strong oxidizing agents

Strong reducing agents.

Decomposition products : On combustion or on thermal decomposition (pyrolysis) releases:

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity : By analogy

Not classified as harmful if swallowed

Information given is based on data obtained from similar substances.

Acute inhalation toxicity : no data available

Acute dermal toxicity : By analogy

Not classified as harmful by contact with skin

Information given is based on data obtained from similar substances.

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

Aspiration toxicity : no data available

Skin corrosion/irritation

Skin irritation : No skin irritation

By analogy

Information given is based on data obtained from similar substances.

Serious eye damage/eye irritation

Eye irritation : Mild eye irritant

By analogy

Information given is based on data obtained from similar substances.

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

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Genotoxicity in vitro : No information available.

Genotoxicity in vivo : No information available.

Reproductive toxicity

Reproductive toxicity : no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment : No information available.

Persistence and degradability

Biodegradability

Biodegradability : Ultimate aerobic biodegradability

Not biodegradable

By analogy

Unpublished internal reports

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

Reuse or recycle following washing.

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

15. REGULATORY INFORMATION

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Follow all regulations in your country.

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.