



Kick-Off

MATERIAL SAFETY DATA SHEET

RS Hygiene Limited, The Street Worlington Suffolk IP28 8RX

Telephone: 01638 714 444

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

Identification of the substance or preparation

Product name KICK-OFF
Synonym(s) C9 - C11 Alcohol Ethoxylate + 6 moles of Ethylene Oxide,
Supplied by: RS Hygiene Ltd, The Street, Worlington Suffolk IP28 728
Tel: 01638 714 444 Fax: 08707 628 728

Use of the substance/preparation

Recommended uses Agriculture industry

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical

Fatty alcohol ethoxylate

Classification

Xn:R22 - 41

3. HAZARDS IDENTIFICATION

Based on information on similar products:

Harmful if swallowed.

Risk of serious damage to eyes.

4. FIRST-AID MEASURES

EXPOSURE ROUTE	SYMPTOM	TREATMENT
Inhalation	Irritation of the upper respiratory tract	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention
Skin Contact	Mild irritation	Drench the skin with plenty of water Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention
Eye Contact	Irritation	Irrigate, thoroughly with water for at least 10 minutes. Obtain medical attention
Ingestion	Irritation	Wash out mouth with water. Do not induce vomiting. If patient is conscious give water to drink. If patient feels unwell seek medical attention

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Large quantities of water, water spray, foam, carbon dioxide or dry powder. Keep fire exposed containers cool with water spray.

Hazardous Combustion Products

Oxides of carbon.

Special Equipment for Firefighting

Self contained breathing apparatus

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6. ACCIDENTAL RELEASE MEASURES

Safety precautions

Wear appropriate PPE (see section 8).

Environmental precautions

Prevent entry into drains and watercourses

Clean-up procedure

Bund or absorb material with sand, earth or other suitable absorbent material.

If possible transfer to a salvage tank, otherwise absorb residues and place in suitable labelled containers and hold for waste disposal.

7. HANDLING AND STORAGE

Handling

Ventilation: General ventilation.

Recommended procedures and equipment:

Avoid contact with skin and eyes, Avoid inhalation of high concentrations of mists

Storage

Temperature range: Above 0°C

Keep away from (See section 10)

Suitable storage media: Mild or stainless steel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective measures:

Respiratory Type approved RPE for mists if required

Hand Impervious gloves

Eye Goggles

Skin Overalls and boots

Hygiene Measures Always wash thoroughly after handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance Colourless liquid

Odour Mild

pH 6.6 5% aqueous solution

Melting point/range <0°C

Flash point 147°C Open cup

Vapour pressure <13 Pa

Relative Density 0.0992 g/ml @ 20°C

Solubility in water Soluble

10. STABILITY AND REACTIVITY

Stable in normal conditions

Materials to avoid:

Strong Acids

Strong oxidising agents

Alkalis

Hazardous decomposition products:

Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

EFFECTS:

High concentrations of mist will irritate respiratory tract. Risk of serious damage to eyes. Harmful if swallowed, ingestion may cause irritation of the gastrointestinal tract. Classified in accordance with the CESIO recommendations for non-ionic surfactants.



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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS:

Based on information available for similar products. The product is anticipated to be substantially removed in biological treatment processes.

MOBILITY:

Soluble in water

DEGRADABILITY:

Complies with the minimum 80% biodegradability.

The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in regulation (EC) No: 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

AQUATIC TOXICITY:

By comparison with an analogous product, the following values are expected:-

LC 50 96h, rainbow trout = 10 - 100 mg/l

EC 50 48h, daphnia magna = 5 - 25 mg/l

13. DISPOSAL CONSIDERATIONS

Substance

Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

CONTAINER

As substance. Used containers must not be cut up or punctured until completely purged of product residues

14. TRANSPORT INFORMATION

Not regulated for road transport

15. REGULATORY INFORMATION

Label name:

Kick Off

Symbols:

Harmful

Risk Phrases:

22 - 41 Harmful if swallowed. Risk of serious damage to eyes

Safety Phrases:

26 - 39 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

EC Number

Use of this material may be governed by the following regulations:-

Users are advised to consult these regulations for further information. The information contained in this data sheet

does not constitute an assessment of workplace risks

16. OTHER INFORMATION

This material is usually used for: Surfactant

17. LEGAL DISCLAIMER

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.