

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/7

KOBRA

Revision 4
Revision date 2020-11-20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name KOBRA

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

Description Tank mix adjuvant.

1.3. Details of the supplier of the safety data sheet

Company	Omex Agriculture Ltd
Address	Bardney Airfield Tupholme Lincoln LN3 5TP United Kingdom
Web	www.omex.co.uk
Telephone	01526 396000
Fax	01526 396001
Email	enquire@omex.com
Email address of the competent person	Safety@omex.com

1.4. Emergency telephone number

Emergency telephone number 01526 396000
9 - 5 Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms



Hazard Statement

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statement: Prevention

P273 - Avoid release to the environment.

Precautionary Statement: Response

P391 - Collect spillage.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to

2.3. Other hazards

KOBRA

Revision 4

Revision date 2020-11-20

2.3. Other hazards

Other hazards	Harmful if swallowed, in contact with skin or if inhaled.
---------------	---

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Amines, Tallow Alkyl, Ethoxylated		68213-26-3			20 - 30%	Acute Tox. 4: H302; Aquatic Chronic 2: H411;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. DO NOT INDUCE VOMITING. May cause irritation to mucous membranes. Seek medical attention if irritation or symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to mucous membranes.
Eye contact	May cause irritation to eyes.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Remove the affected person from the source of contamination immediately.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Ingestion may cause nausea and vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.
--	--

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
--	--

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Do not flush into surface water.
--	--

6.3. Methods and material for containment and cleaning up

KOBRA

Revision 4

Revision date 2020-11-20

6.3. Methods and material for containment and cleaning up

	Collect and reuse if possible. Otherwise: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. To clean the floor and all objects contaminated by this material, use water.
--	---

6.4. Reference to other sections

	See section 2, 8, 13 for further information.
--	---

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	--

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. Store at temperatures between 5 °C and 20 °C.
Suitable packaging	Plastic containers.

7.3. Specific end use(s)

	Tank mix adjuvant.
--	--------------------

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls**

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	In case of splashing, wear: Eye protection. Approved safety goggles. Close fitting eye protection to the E166.4 standard should be worn to minimise contact.
Skin protection - Handprotection	Chemical resistant gloves (PVC). Wear gloves. Gloves must be in accordance with EN374-3, tested with chemical K & L from the standard EN list. Gloves should have a minimum breakthrough time of 60 minutes for short-term handling operations. Consult with your glove supplier for advice on your specific requirements. Good glove hygiene and housekeeping practices should be followed.
Respiratory protection	Wear suitable protective equipment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

KOBRA

Revision 4

Revision date 2020-11-20

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow/Gold
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Initial boiling point	> 35 °C
Flash point	> 93 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1 - 1.03 (H ₂ O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Miscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable.
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	No data is available on this product.
--	---------------------------------------

10.4. Conditions to avoid

	No data is available on this product.
--	---------------------------------------

10.5. Incompatible materials

	Will not decompose if stored and used as recommended.
--	---

10.6. Hazardous decomposition products

	No data is available on this product.
--	---------------------------------------

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Amines, Tallow Alkyl, Ethoxylated	Dermal Rat LD50: 2000	Oral Rat LD50: 1663
	Inhalation Rat LC50/4 h: >20	
KOBRA	Dermal Rat LD50: >2000	Oral Rat LD50: >2000

KOBRA

Revision 4

Revision date 2020-11-20

SECTION 12: Ecological information**12.1. Toxicity**

Amines, Tallow Alkyl, Ethoxylated	Daphnia EC50/48h: 0.5000 mg/l	Fish LC50/96h: 1.7800 mg/l
	Green Algae EC50/48h: 0.1-1	Rainbow trout LC50/96h: 1.78
KOBRA	Daphnia EC50/48h: 6.4000 mg/l	Fish LC50/96h: 1.7600 mg/l
	Daphnia LC50/48h: 0.1	Rainbow trout LC50/96h: 1.76

No data is available on this product. May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Warning - this preparation contains a substance not yet tested completely.

12.3. Bioaccumulative potential

Caution - substance not yet fully tested.

Partition coefficient

KOBRA No data available Amines, Tallow Alkyl, Ethoxylated No data available

12.4. Mobility in soil

Caution - substance not yet fully tested.

12.5. Results of PBT and vPvB assessment

Warning - this preparation contains a substance not yet tested completely.

12.6. Other adverse effects

Warning - this preparation contains a substance not yet tested completely.

SECTION 13: Disposal considerations**General information**

Do NOT reuse empty containers.

Disposal methods

Can be sent to landfill if in compliance with local and national regulations.

Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information**Hazard pictograms****14.1. UN number**

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMINES, TALLOW ALKYL, ETHOXYLATED PROPOXYLATED)

14.3. Transport hazard class(es)

KOBRA

Revision 4

Revision date 2020-11-20

14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group	III
---------------	-----

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code	F-A S-F
----------	---------

IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
-------------	--

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 11 - 11.1.4. Toxicological Information. 12 - 12.1. Toxicity. 14 - ADR/RID.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

KOBRA

Revision 4

Revision date 2020-11-20

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
--	--
