SAFETY DATA SHEET
TRANSPORT ULTRA

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

1.1. Product identifier

Product name TRANSPORT ULTRA

Product number WAA009

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

Identified uses Water conditioning agent and surfactant.

1.3. Details of the supplier of the safety data sheet

Supplier

Headland Amenity Ltd
1 Burr Elm Court
Main Street
Caldecote
Cambridge
Cambridgeshire
CB23 7NU
Tel. +44 (0)1223 491090
sds.enquiries@headlandamenity.com

Contact person Wendy Windscheffel

1.4. Emergency telephone number

Emergency telephone +44 (0)1223 491090 (9.00 - 5.00 GMT Mon-Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram

Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

P260 Do not breathe vapour/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

Contains

TALLOW ALKYLAMINE ETHOXYLATE, SULPHURIC ACID ...%, ISODECYL ALCOHOL ETHOXYLATE (POE 6), 2-AMINOETHANOL, 2,2'-OXYBISETHANOL, TRIDECYL ALCOHOL ETHOXYLATE (POE 6), PHOSPHATE ESTER, BUTANOL-NORM

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TALLOW ALKYLAMINE ETHOXYLATE **10-30%**

CAS number: 61791-26-2 EC number: 500-153-8

M factor (Acute) = 1 M factor (Chronic) = 1

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Xn; R22. C; R34. N; R50/53

SULPHURIC ACID ...% **10-30%**

CAS number: 7664-93-9 EC number: 231-639-5

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Corr. 1A - H314 Eye Dam. 1 - H318	C; R35

ISODECYL ALCOHOL ETHOXYLATE (POE 6) **5-10%**

CAS number: 78330-20-8 EC number: 616-607-4

M factor (Acute) = 1

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Xn; R22. Xi; R41, R38. N; R50

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2-AMINOETHANOL **5-10%**

CAS number: 141-43-5 EC number: 205-483-3

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H332 Eye Dam. 1 - H318 Acute Tox. 4 - H312 STOT SE 3 - H335 Acute Tox. 4 - H302 Skin Corr. 1B - H314 STOT SE 3 - H335 Aquatic Chronic 3 - H412	Xn; R20/21/22. C; R34. Xi; R37. R52/53

2,2'-OXYBISETHANOL **5-10%**

CAS number: 111-46-6 EC number: 203-872-2

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 STOT RE 2 - H373	Xn; R22, R48/20/21/22

TRIDECYL ALCOHOL ETHOXYLATE (POE 6), PHOSPHATE ESTER **5-10%**

CAS number: 9046-01-9 EC number: 618-558-4

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	Xi; R41, R38. N; R51/53

BUTANOL-NORM **1-5%**

CAS number: 71-36-3 EC number: 200-751-6

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 Eye Dam. 1 - H318 Skin Irrit. 2 - H315 Acute Tox. 4 - H302 STOT SE 3 - H335, H336 STOT SE 3 - H335, H336	Xn; R22. Xi; R41, R37/38. R10, R67

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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Ingestion Get medical attention immediately. Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting.

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Wash skin thoroughly with soap and water. Get medical attention immediately. Wash contaminated clothing before reuse.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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

Inhalation Information not available.

Ingestion Information not available.

Skin contact Information not available.

Eye contact Information not available.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Dry powder, water spray or alcohol resistant foam.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Combustion may yield smoke, oxides of carbon and other products of incomplete combustion. Oxides of sulphur, nitrogen or phosphorus may also be formed. Can be dangerous when exposed to extreme heat and flame. Do not allow water to directly enter storage containers as violent reaction may occur. Responders should consider the need for evacuation based on emitted decomposition products. Flammable hydrogen may be produced on prolonged contact with metals such as aluminium, tin, lead and zinc. Do not breathe mist/vapour/spray.

Hazardous combustion products Oxides of carbon. Oxides of sulphur. Oxides of nitrogen. Oxides of phosphorus.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Avoid the spillage or runoff entering drains, sewers or watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate area. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain the spillage using bunding. Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Mechanical ventilation or local exhaust ventilation may be required. Use suitable respiratory protection if ventilation is inadequate.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Store at temperatures above 5°C. Will corrode incompatible metals such as aluminium, copper, zinc and mild steel.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SULPHURIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 0.05 mg/m³ mist (thoracic fraction)

2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m³
Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m³
Sk

2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

BUTANOL-NORM

Short-term exposure limit (15-minute): WEL 50 ppm 154 mg/m³
Sk

WEL = Workplace Exposure Limit
Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment

Eye/face protection Wear tight-fitting, chemical splash goggles or face shield. Provide eyewash station.

Hand protection Chemical resistant gloves.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet. Eye wash facilities and emergency shower must be available when handling this product.

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Respiratory protection	Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Golden yellow.
Odour	Fatty.
Odour threshold	No information available.
pH	pH (diluted solution): 2.0-2.5 5% (v/v in water)
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	> 93°C SETA Closed Cup.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.19-1.20 @ 20°C
Bulk density	No information available.
Solubility(ies)	Soluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	No other relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Flammable hydrogen may be produced on prolonged contact with metals such as aluminium, tin, lead and zinc.

10.4. Conditions to avoid

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Conditions to avoid Extreme heat/open flame/incompatibles.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Strong acids. Strong alkalis. Susceptible metals such as aluminium, tin, lead and zinc.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg) 5,000.0

Species Rat

ATE dermal (mg/kg) 5,000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 146.66666667

Inhalation No information available.

Ingestion No information available.

Skin contact No information available.

Eye contact No information available.

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

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12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

UN No. (ADN) 1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHURIC ACID ...%, TALLOW ALKYLAMINE ETHOXYLATE)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHURIC ACID ...%, TALLOW ALKYLAMINE ETHOXYLATE)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHURIC ACID ...%, TALLOW ALKYLAMINE ETHOXYLATE)

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (CONTAINS SULPHURIC ACID ...%, TALLOW ALKYLAMINE ETHOXYLATE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

Transport labels

14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ADN packing group II

ICAO packing group II

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Supplier contact and emergency contact details updated.
Revision date	04/09/2015
Revision	3
Supersedes date	30/06/2015

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Risk phrases in full

R10 Flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R22 Harmful if swallowed.
R34 Causes burns.
R35 Causes severe burns.
R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R50 Very toxic to aquatic organisms.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.