

SAFETY DATA SHEET (SDS)

SDS Nr.	045000
Issue Date	11/2007
Revision Date	11/2016
Next Revision Date	11/2021

SECTION 1.

COMPANY IDENTIFICATION & PRODUCT INFORMATION

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 KEMPTON PARK
 Gauteng Province
 South Africa




EMERGENCY PHONE NUMBER	+27 (82) 468 3878
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NAME USED ON LABEL	Aphidew
SYNONYMS	Boric Acid and Saponified Fatty Acids

PRODUT USE:	Adjuvant
UN Nr.	Not Regulated

SECTION 2.

HAZARDOUS IDENTIFICATION

GHS (Pictogram)	Protective Clothing
	 

Signal Word **WARNING**

Hazard Class	Hazard Category
Eye Irritation	2B
Acute Toxicity (Oral)	4

GHS Hazard Statement
H320 – Causes Eye Irritation H302 - Harmful if swallowed
GHS Precautionary Statement
P264 – Wash hands thoroughly after handling P280 – Wear protective gloves/clothing. P102 – Keep out of reach of children.

INHALATION EXPOSURE	Non hazardous. May cause slight irritation to mucous membranes.
INGESTION	Not intended for ingestion. Slightly hazardous with very low acute toxicity. May Cause irritation to gastrointestinal tract if ingested in large amounts.
SKIN CONTACT	Non hazardous, might be slight irritant during prolonged contact. Wash with running water
EYE CONTACT	Slight possibility of being irritating to the eye. Wash with running water.
CHRONIC (PROLONGED) EXPOSURE	Non Toxic
AGRIVATING CONDITIONS WITH COMBINATIONS	No information available
EU/EC CLASSIFICATION	Non Dangerous, Non-irritating substance
HAZARDOUS INGREDIENTS	None

SECTION 3.
COMPOSITION & INFORMATION ON INGREDIENTS

Identity	CAS-No.	% w/w	Symbol
Boric Acid	10043-35-3	>=0.1 - < 0.5	Xi
Non Disclosed Ingredients		>=70 - < 90	Xi

Ingredients not identified are confidential or non hazardous. Values on MSDS are not product specifications

SECTION 4.
FIRST AID MEASURES

IF IN HALLED	Remove victim to fresh air if necessary. Product should not be hazardous if inhaled. Obtain immediate medical advice if required.
IF SWALLOWED	Swallowing small quantities is not harmful. If large quantities are swallowed seek

	medical advice if required.
IF ON SKIN	Not harmful. Wash with water and soap.
IF IN EYES	Immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists repeat rinse. Seek medical advice if required.

MEDICAL ADVICE: Symptomatic treatment and supportive therapy as indicated above

SECTION 5.
FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)	Not Flammable
FLASH POINT (°C)	No Flash

EXSTINGUISHING MEDIA	For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires use foam or water-fog; avoid using water jet. Contain run-off with barriers, e.g. earth.
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FIRE & EXPLOSION HAZARDS	Not Flammable. Keep fire exposed containers cool by spraying with water. Container could explode when heated.
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PROTECTIVE EQUIPMENT	Wear full protective clothing and NIOSH-approved self-contained breathing apparatus. Fire might produce irritating vapours, mists or other combustion products.
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SECTION 6.
ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	No special equipment or personal protective equipment is required.
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CLEANING METHODS	Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washing must be prevented from entering surface water drains. Seal drums and dispose of contaminated material in a facility permitted for hazardous waste. Large spills should be handled according to a spill remediation plan.
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DEACTIVATING CHEMICALS	Not necessary
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ADDITIONAL INFORMATION	Aphidew is a liquid. Spillages or uncontrolled discharges into water sources must be alerted to the appropriate regulatory body.
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SECTION 7.
HANDLING AND STORAGE

SAFE HANDLING	Practice good industrial housekeeping practices
STORAGE REQUIREMENTS	Store in original containers with lid closed. Keep in cool and dry area. Protect the containers from physical damage.
STORAGE TEMPERATURE	Do not expose sealed containers to temperatures exceeding 37°C

SECTION 8.
EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION CONTROL	No specific control measures required
EYE PROTECTION	Eye contact with the material should be avoided
SKIN PROTECTION	Gloves and protective clothing made from Viton or PVC is recommended but not required.

SECTION 9.
PHYSICAL & CHEMICAL PROPERTIES

FORM	Slight Viscous Liquid
COLOUR	Milky Yellow
ODOUR	Sweet (Citrus)
BOILING POINT (°C)	> 100
MELTING POINT (°C)	Not Applicable
VAPOR PRESSURE (mmHg)	Not Available
SPECIFIC GRAVITY (g/cm ³)	1.013 (20°C)
SOLUBILITY	Insoluble, dispersible in water
pH-Value	Neutral to slight acidic
FLASH POINT (°C)	No Flash
EXPLOSIVE PROPERTIES	Non-Explosive

SECTION 10.
STABILITY & REACTIVITY

STABILITY	Stable under normal storage and usage conditions
INCOMPATIBILITY	Strong Oxidizing agents.
HAZARDOUS POLYMERISATION	Will not occur
HAZARDOUS DECOMPOSITION	Carbon Dioxide, Carbon Monoxide
CONDITIONS TO AVOID	Heat, flames, ignition sources and incompatibles
THERMAL DECOMPOSITION	Non Hazardous

SECTION 11.
TOXICOLOGICAL INFORMATION

ORAL LD50 (Rat)	> 4000 mg/kg
DERMAL LD50 (Rabbit)	> 2000 mg/kg
INHALATION LD50 (Rat)	Non Toxic

OTHER EFFECTS OF OVEREXPOSURE	Non Hazardous
CARCINOGENIC EFFECTS	Not Carcinogenic
REPRODUCTIVE TOXICITY	Not a Reproductive Toxin

SECTION 12.
ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE	AbsorptEau, Nor its constituents are listed under any sections of environmental acts
ENVIRONMENTAL TOXICITY	No information available, no toxicity ever recorded

SECTION 13.
DISPOSAL CONSIDERATIONS

Dispose contaminated absorbents, surplus product, etc. in a responsible manner.
Empty containers should be rinsed and disposed of in accordance to local waste disposal legislation. Do not reuse containers

SECTION 14.
TRANSPORT INFORMATION

Non – Dangerous

SECTION 15.
REGULATORY INFORMATION

NATIONAL LEGISLATIONS	National Road Traffic Act, 1996 (Act 93 of 1996) Fire Brigade Service Act, 1987 (Act 99 of 1987) Occupational Health & Safety Act, 1993 (Act 85 of 1993)
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SECTION 16.
OTHER INFORMATION

The Information contained in this MSDS is offered as a guide to handle specific material and is based on the current scientific and technical knowledge at the date indicated on the present MSDS. This information is provided in good faith and believed to be accurate and correct.
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