

1. SUBSTANCE IDENTIFICATION:**AGPRO Sonic**

SUPPLIER NAME: AGPRO NZ Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.
SUPPLIER PHONE: 09 273 3456 SUPPLIER FAX: 09 273 3457
EMERGENCY PHONE: 0800 POISON
CHEMICAL FAMILY: Alkoxylated Alcohols
USE: Enhances penetration and uptake of a range of pesticides. Reduces the rain-free period.

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: 6.1D: May be harmful if swallowed, inhaled or absorbed thru the skin.
6.4A: May cause serious eye irritation.
9.1D: Slightly harmful to aquatic life.

EPA approval number HSR002503.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Alkoxylated Alcohol	Confidential	>60%

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention.
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
INHALATION: If ill-effects occur, move the victim to fresh air. If ill-effects persist, consult a doctor..
INGESTION: Seek medical attention.
NOTES TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: >155°C
FLAMMABLE LIMITS: None.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: No data available.
SPECIAL FIRE FIGHTING METHODS: Vapours may be toxic. Self contained breathing apparatus required. Do not allow contaminated runoff to enter drains.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately. Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Store in original container, tightly closed, away from foodstuffs, seeds, fertilisers and pesticides and strong oxidizing agents. Keep out of reach of children. Wash protective clothing daily after work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS:	Not established by OSHA.
EYE PROTECTION:	Use chemical splash goggles.
RESPIRATORY PROTECTION:	When work conditions are such that aerosols or mists are generated or may be generated, use a suitable approved respirator for organic gases and vapours.
PROTECTIVE CLOTHING:	Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear..
VENTILATION:	General (mechanical) room ventilation is considered satisfactory.
HYGENE PRECAUTIONS:	Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / COLOUR:	Clear to slightly turbid liquid	VAPOUR PRESSURE:	No data available
ODOUR:	No detectable odour	VAPOUR DENSITY:	No data available.
ODOUR THRESHHOLD:	No data available.	RELATIVE DENSITY:	0.949g/mL @ 25°C
pH:	5.5 – 8	KINEMATIC VISCOSITY:	No data available
SOLUBILITY:	Fully soluble in water	AUTOIGNITION TEMP:	No data available
MELTING POINT/FREEZING POINT:	No data available.	DECOMPOSITION TEMP:	No data available
INITIAL BOILING POINT/BOILING RANGE:	No data available		
FLASHPOINT:	>155 °C		
FLAMMABILITY:	Non Flammable		
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No data available		
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	None known
MATERIALS TO AVOID:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	None known

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	
ACUTE ORAL:	No data available.
ACUTE DERMAL:	No data available.
ACUTE INHALATION:	No data available.
ACUTE TOXICITY(Other routes of administration):	No data available.
ASPIRATION HAZARD:	No data available
RESPIRATORY IRRITATION:	No data available
SKIN CORROSION/IRRITATION:	No skin irritation.
SERIOUS EYE DAMAGE/IRRITATION:	Warning - May cause severe eye irritation, avoid contact with eyes.
RESPIRATORY OR SKIN SENSITATION:	No data available.
GERM CELL MUTAGENICITY:	No data available.
CARCINOGENICITY:	No data available.
REPRODUCTIVE TOXICITY:	No data available.
SPECIFIC ORGAN DAMAGE:	No data available.
NARCOTIC EFFECTS:	No data available.
EXPERIENCE WITH HUMAN EXPOSURE:	
GENERAL INFORMATION:	No data available.
INHALATION:	No data available.
SKIN CONTACT:	No data available.
EYE CONTACT:	No data available.
INGESTION:	No data available.

12. ECOLOGICAL INFORMATION:

ECOTOXICITY:

TOXICITY : Fish: LC50 (Rainbow Trout) 96hr – 4.2mg/L
Daphnia: EC50 (Water Flea) 48hr - 3.3mg/L
Algae: EC50 (Green Algae) 72hr – 3.8mg/L

CHRONIC AQUATIC TOXICITY:

No data available.

PLANT TOXICITY:

No data available.

TOXICITY TO MICROORGANISMS:

No data available.

SEDIMENT TOXICITY:

No data available.

TOXICITY TO SOIL DWELLING ORGANISMS:

No data available.

TOXICITY TO TERRESTRIAL ORGANISMS:

No data available.

PERSISTENCE & DEGRADABILITY:

BIODEGRABILITY:

Readily biodegradable. Biodegradation >70% Exposure time 28 days.

STABILITY IN WATER:

Stable as readily dispersible

IMPACT ON SEWAGE TREATMENT:

No data available.

BIOACCUMULATIVE POTENTIAL:

BIOACCUMULATION:

No data available.

MOBILITY IN SOIL:

MOBILITY:

No data available.

DISTRIBUTION AMONG ENVIRONMENTAL COMPONENTS:

No data available.

STABILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

ENVIRONMENTAL FATE AND PATHWAYS:

No data available.

RESULTS OF PBT and vPvB ASSESSMENT:

No data available.

ENDOCRINE DISRUPTING POTENTIAL:

No data available.

HAZARDOUS TO THE OZONE LAYER:

OZONE DEPLETION POTENTIAL:

No data available.

ADDITIONAL ECOLOGICAL INFORMATION – product:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

GLOBAL WARNING POTENTIAL:

No data available.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Waste from residues: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with the chemical or empty container. Use in its intended purpose or send to licenced waste management company

Packaging: Triple rinse container and add residue to spray tank. Burn the container if circumstances, especially wind direction permit. Otherwise bury in a landfill. Do not use the container for any other purpose.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:

Not classed as a Dangerous Good for transport

DG CLASS:

N/A

UN NUMBER:

N/A

HAZCHEM:

N/A

PACK GROUP:

N/A

15. REGULATORY INFORMATION:

EPA approval number :

HSR002503

APPROVED HANDLER:

This product DOES NOT have any Approved Handler, Tracking, or Record Keeping Requirements.



AGPRO SAFETY DATA SHEET

DIRECT

AGPRO SONIC

Issue Date: 19/07/2018

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.