


| | | |
|--------------------|---------------------------|------------------|
| Infosafe No™ 3NV4C | Issue Date : January 2020 | ISSUED by NUFARM |
|--------------------|---------------------------|------------------|

 Product Name **AMIGO®**

1. Identification

| | |
|--|---|
| GHS Product Identifier | AMIGO® |
| Product Code | 04275 |
| Product Type | Adjuvant |
| Company Name | Nufarm NZ |
| Address | 6 Manu Street, Otahuhu Auckland 2024 New Zealand |
| Telephone/Fax Number | Tel: 0-9-270 4150 |
| Emergency phone number | 0800 651 911 |
| Email | nzinfo@nufarm.com |
| Recommended use of the chemical and restrictions on use | A drift control agent with built in anti-foam that produces a more uniform spray pattern with fewer fine droplets and better spray deposition. |
| Other Information | This Safety Data Sheet (SDS) describes an experimental substance. Full identification or hazard information may not be known. In the absence of this information, always take a precautionary approach to storage and handling. |

2. Hazard Identification

| | |
|---|---|
| Signal Word (s) | WARNING |
| Hazard Statement (s) | H332 Harmful if inhaled. |
| General Precautionary Statement (s) | If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. |
| Pictogram (s) | Exclamation mark,  |
| Precautionary statement – Prevention | P261 Avoid breathing spray mist. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary statement – Response | P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor if you feel unwell. |
| Precautionary statement – Disposal | P501 Dispose of empty container after triple rinse and add rinsate to the spray tank. Recycle empty container. |
| Other Information | 6.1D acute toxicant, |

3. Composition/information on ingredients

| | | | |
|----------------------------------|--|-------------|-------------------|
| Chemical Characterization | Liquid | | |
| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
| | Phosphatidylcholine, methyl esters of fatty acids and alcohol ethoxylate | Proprietary | 100 % |

4. First-aid measures

| | |
|---------------------------|--|
| First Aid Measures | For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical |
|---------------------------|--|

| | | |
|--------------------|---------------------------|------------------|
| Infosafe No™ 3NV4C | Issue Date : January 2020 | ISSUED by NUFARM |
|--------------------|---------------------------|------------------|

Product Name **AMIGO®**

| | |
|-----------------------------|--|
| Inhalation | attention. Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice. |
| Ingestion | Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately. |
| Skin | Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance. |
| Eye contact | Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. Remove contact lenses if present and easy to do. |
| First Aid Facilities | Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. |
| Advice to Doctor | Treat symptomatically. |

5. Fire-fighting measures

| | |
|---|---|
| Suitable extinguishing media | Water, foam, carbon dioxide or dry chemical. |
| Special Protective Equipment for fire fighters | Breathable air apparatus should be worn when fighting a fire in which this product is involved. |
| Specific Methods | Keep up wind. Do not allow washings to reach sewage or effluent systems. |
| Decomposition Temp. | No data available. |
| Other Information | Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable |

6. Accidental release measures

| | |
|----------------------------------|--|
| Spills & Disposal | Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill. |
| Personal Protection | For appropriate personal protective equipment (PPE), refer Section 8. |
| Environmental Precautions | Prevent from entering drains, waterways or sewers. |

7. Handling and storage

| | |
|---|--|
| Precautions for Safe Handling | It is the duty of the PCBU that a person who uses, handles, manufactures or stores a hazardous substance (including hazardous waste) is provided information, instruction and training in accordance with Regulation 4.5 of the Health and Safety at work (Hazardous Substances) Regulations 2017. Avoid skin and eye contact and inhalation of spray mist. CERTIFIED HANDLER : Not required. TRACKING: Not required. RECORD KEEPING: Not required. |
| Conditions for safe storage, including any incompatibilities | Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. |
| Other Information | Always read the label and any attached leaflet before use. |

8. Exposure controls/personal protection

| | |
|---|---|
| Occupational exposure limit values | No exposure standards have been set for this product. |
| Appropriate engineering controls | Handle in well ventilated areas, generally natural ventilation is adequate. |
| Personal Protective Equipment | When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length rubber gloves and face shield or goggles. |
| Hygiene Measures | After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment. |

| | | |
|--------------------|---------------------------|------------------|
| Infosafe No™ 3NV4C | Issue Date : January 2020 | ISSUED by NUFARM |
|--------------------|---------------------------|------------------|

Product Name **AMIGO®**

Wash splashes of concentrate from skin immediately.

9. Physical and chemical properties

| | |
|---|-------------------------|
| Form | Liquid |
| Appearance | Viscous liquid. |
| Colour | Green |
| Odour | Slightly acidic. |
| Decomposition Temperature | No data available. |
| Melting Point | No data available. |
| Boiling Point | No data available. |
| Solubility in Water | Emulsifies. |
| Specific Gravity | 0.992 |
| pH | 6.33 (1% solution) |
| Vapour Pressure | No data available. |
| Vapour Density (Air=1) | No data available. |
| Odour Threshold | No data available. |
| Partition Coefficient: n-octanol/water | No data available. |
| Flash Point | >100°C |
| Flammability | No data available. |
| Auto-Ignition Temperature | No data available. |
| Flammable Limits - Lower | No data available. |
| Flammable Limits - Upper | No data available. |
| Kinematic Viscosity | 183.3 centistokes @20°C |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | No data available. |
| Chemical Stability | Stable under normal conditions of handling and storage. |
| Conditions to Avoid | Extremes of temperature and direct sunlight. |
| Incompatible Materials | Strong oxidisers. |
| Hazardous Decomposition Products | None known based on information supplied. |
| Hazardous Polymerization | Hazardous polymerisation will not occur. |

11. Toxicological Information

| | |
|------------------------------------|--|
| Toxicology Information | Data provided below is for the formulated product. |
| Acute Toxicity - Oral | LD50 (female rat) = >5,000 mg/kg |
| Acute Toxicity - Dermal | LD50 (rat) = >5,000mg/kg |
| Acute Toxicity - Inhalation | LC50 (dust) (rat 4hr) = >2.08mg/L |
| Carcinogenicity | No data available. |

| | | |
|--------------------|---------------------------|------------------|
| Infosafe No™ 3NV4C | Issue Date : January 2020 | ISSUED by NUFARM |
|--------------------|---------------------------|------------------|

 Product Name **AMIGO®**

| | |
|--------------------------------------|--|
| Reproductive Toxicity | No data available. |
| STOT-single exposure | No data available. |
| STOT-repeated exposure | No data available. |
| Aspiration Hazard | No data available. |
| Chronic Effects | No information available, no chronic effects expected. |
| Serious eye damage/irritation | Not an eye irritant. |
| Mutagenicity | No data available. |
| Respiratory Irritation | No data available. |

12. Ecological information

| | |
|--------------------------------------|--|
| Persistence and degradability | No data available. |
| Mobility | No data available. |
| Bioaccumulative Potential | No data available. |
| Other Adverse Effects | No data available. |
| Acute Toxicity - Fish | LC50 (96hr) (Rainbow Trout)= 17.6 mg/L |
| Acute Toxicity - Daphnia | EC50 (48hr) (Daphnia Magna)= 9.3 mg/L |

13. Disposal considerations

| | |
|---------------------------|---|
| Product Disposal | Dispose of product only by using according to the label, or at an approved landfill. |
| Container Disposal | Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill. |

14. Transport information

| | |
|------------------------------|--|
| Transport Information | It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs. |
| Storage and Transport | Not classified as Dangerous Goods for transport in New Zealand. |
| Other Information | Do not carry more than 10L of AMIGO on a passenger service vehicle. |

15. Regulatory information

| | |
|---|--|
| National and or International Regulatory Information | This product does not require registration under the ACVM Act. Approved pursuant to the HSNO Act 1996, Approval Code HSR002503 See www.epa.govt.nz for approval controls. |
|---|--|

16. Other Information

| | |
|--|---|
| Date of preparation or last revision of SDS | First issue. |
| Contact Person/Point | IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE 24Hr Tollfree Emergency No: 0800 651 911 24Hr Emergency No: National Poisons Centre Phone: 0800 764 766 ...End Of MSDS... |

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.