SAFETY DATA SHEET

DRIFTEX NZ

Infosafe No.: X01EL
Version No.: 3.0
ISSUED Date : 3/10/2023
ISSUED by: DKSH AGRISOLUTIONS NEW ZEALAND LIMITED

Section 1 - Identification

Product Identifier
DRIFTEX NZ

Product Code
140010498

Company Name
DKSH AGRISOLUTIONS NEW ZEALAND LIMITED

Address
119 Carbine Road, Mt Wellington, Auckland 1060
NEW ZEALAND

Telephone/Fax Number
Telephone: +64 9 2593777

Emergency Phone Number
0800 154 666

Email
regaffairs.anz@dksh.com

Recommended uses and any restrictions on use or supply
A tank mix adjuvant to reduce spray drift and to improve agricultural spray efficacy.

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture
Classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.
Serious eye damage Category 1

Signal Word (s)
DANGER

Hazard Statement (s)
H318 Causes serious eye damage

Pictogram (s)
Corrosion

Precautionary Statement – Prevention
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement – Response
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.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Rapeseed oil	8002-13-9	80-100 %
Poly(oxy-1,2-ethanediyl), .alpha.-hexadecyl-.omega.-hydroxy-, mixture with (Z)-.alpha.-9-octadecenyl-.omega.-hydroxypoly(oxy-1,2-ethanediyl)	8065-81-4	1-10 %
Ingredients determined not to be hazardous, including water		Balance

Section 4 - First Aid Measures

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion
Do NOT induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin
Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

First-aid Facilities
Eyewash, safety shower and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (0800 764 766)

Section 5 - Firefighting Measures

Suitable Extinguishing Media
Carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes and gases including: carbon dioxide, carbon monoxide and oxides of nitrogen.

Specific hazards arising from the chemical
This product will burn if exposed to fire.

Decomposition Temperature
Not available

Precautions in connection with fire
Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

Section 6 - Accidental Release Measures

Emergency Procedures
Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage can be slippery. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling
Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.
For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)
No Exposure Limit Established

Biological Limit Values
No biological limits allocated.

Appropriate Engineering Controls
This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.
Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection
Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations.
Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.
Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection
Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

Other Information

No exposure standards have been established for this material, however, the TWA exposure standards for vegetable oil mists is 10 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.
TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
Source: Workplace Exposure Standards and Biological Exposure Indices.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Appearance	Clear yellow liquid	**Colour**	Yellow
Odour	Not available	**Decomposition Temperature**	Not available
Melting Point	Not available	**Freezing Point**	<0°C
Boiling Point	Not available	**Solubility in Water**	Dispersible
Specific Gravity	0.93 (20°C)	**pH**	6-8 (1% aqueous solution)
Vapour Pressure	Not available	**Vapour Density (Air=1)**	Not available
Evaporation Rate	Not available	**Odour Threshold**	Not available
Viscosity	Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity	**Volatile Component**	Not available
Partition Coefficient: n-octanol/water	Not available	**Flash Point**	>150°C (Open Cup)
Flammability	Not flammable	**Auto-Ignition Temperature**	Not available
Flammable Limits - Lower	Not available	**Flammable Limits - Upper**	Not available
Explosion Properties	Not available	**Oxidising Properties**	Not available
Kinematic Viscosity	Not available	**Dynamic Viscosity**	Not available

Section 10 - Stability and Reactivity

Reactivity
Refer to Section 10: Possibility of hazardous reactions

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Heat, open flames and other sources of ignition.

Incompatible Materials
Strong oxidising agents.

Hazardous Decomposition Products
Under fire conditions this product may emit toxic and/or irritating fumes and gases including: carbon dioxide, carbon monoxide and oxides of nitrogen.

Possibility of hazardous reactions
Reacts with incompatible materials.

Hazardous Polymerization
Not available

Section 11 - Toxicological Information

Toxicology Information
No toxicity data available for this material.

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin
May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye
Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

Respiratory Sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ Cell Mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT - Single Exposure
Not expected to cause toxicity to a specific target organ.

STOT - Repeated Exposure
Not expected to cause toxicity to a specific target organ.

Aspiration Hazard
Not expected to be an aspiration hazard.

Section 12 - Ecological Information

Ecotoxicity
No ecological data available for this material.

Persistence and degradability
Not available

Mobility
Not available

Bioaccumulative Potential
Not available

Other Adverse Effects
Not available

Environmental Protection
Prevent this material entering waterways, drains and sewers.

Hazardous to the Ozone Layer
This product is not expected to deplete the ozone layer.

Section 13 - Disposal Considerations

Disposal Considerations
The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
Product Disposal:
Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service.In this specific case the product is a

combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.
Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.
Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.
In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Notice 2017. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:
The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.
In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

Section 14 - Transport Information

Transport Information
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Special Precautions for User
Not available

UN Number
None Allocated

Proper Shipping Name
None Allocated

Hazard Class
None Allocated

Packing Group
None Allocated

UN Number (Air Transport, ICAO)
None Allocated

IATA/ICAO Proper Shipping Name
Not dangerous for conveyance under IATA code

IATA/ICAO Hazard Class
None Allocated

IATA/ICAO Packing Group
None Allocated

IMDG UN Number
None Allocated

IMDG Proper Shipping Name
Not dangerous for conveyance under IMO/IMDG code

IMDG Hazard Class
None Allocated

IMDG Packing Group
None Allocated

IMDG Marine pollutant
No

Transport in Bulk
Not available

Section 15 - Regulatory Information

Regulatory Information
Classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Group Standard: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020.

HSNO Approval Number
HSR002503

Tolerable exposure limit (TEL)
Not available

Environmental exposure limit (EEL)
Not available

Certified Handler
Not available

Tracking
Not available

Controlled Substance Licence Requirements
Not available

Montreal Protocol
Not Listed

Stockholm Convention
Not Listed

Rotterdam Convention
Not Listed

Agricultural Compounds, including Veterinary Medicines (ACVM)
Not available

Global Inventory Status

Country/Region Inventory	Status Description	Country/Region Inventory	Status Description
New Zealand (NZIoC)	All components of this product are listed on the Inventory or exempted.		

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS
SDS Reviewed: October 2023, Supersedes: August 2018

Literature References
Hazardous Substances and New Organisms Act (1996).
Health and Safety at Work (Hazardous Substances) Regulations (2017).
Workplace Exposure Standards and Biological Exposure Indices.
Agricultural Compounds and Veterinary Medicines Act 1997.
Montreal Protocol on Substances that Deplete the Ozone Layer.
Stockholm Convention on Persistent Organic Pollutants (POPs).
Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.
Transport of Dangerous goods on land NZS 5433.
Recommendations on the Transport of Dangerous Goods – Model Regulations.
Dangerous Goods Emergency Action Code List.
Hazardous Substances (Safety Data Sheets) Notice (2017). (EPA Consolidation)

Assigning a hazardous substance to a group standard.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Contact Person/Point

IMPORTANT ADVICE: An SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. The information contained in this SDS is believed to be correct but is not guaranteed. Prior to using the product(s) referred to in this SDS, each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the supplier listed in section 1 of the SDS. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. DKSH Agrisolutions New Zealand Limited does not accept any other liability either directly or indirectly for any losses suffered in connection with the use and application of the product whether or not in accordance with any advice, specification, recommendation or information given by it. DKSH Agrisolutions New Zealand Limited SDS WARNING: DKSH Agrisolutions New Zealand Limited is aware that third parties are distributing documents purporting to be SDSs (or the like) in relation to DKSH Agrisolutions New Zealand Limited products without any authorisation from DKSH Agrisolutions New Zealand Limited ("Unauthorised SDS"). DKSH Agrisolutions New Zealand Limited accepts no responsibility for the distribution of an Unauthorised SDS by a third party or for any information contained therein. All DKSH Agrisolutions New Zealand Limited products must be used in accordance with the corresponding original and current SDS authorised by DKSH Agrisolutions New Zealand Limited for use with that DKSH Agrisolutions New Zealand Limited product ("Authorised SDS"). In the event that an SDS in relation to an DKSH Agrisolutions New Zealand Limited product has expired and is not marked as obsolete, please contact DKSH Agrisolutions New Zealand Limited immediately to obtain a current SDS. Further, if an DKSH Agrisolutions New Zealand Limited product is used without the Authorised SDS and/or with an Unauthorised SDS, or an expired SDS which is not marked obsolete, DKSH Agrisolutions New Zealand Limited hereby excludes absolutely and to the maximum extent permitted by law all liability whatsoever and howsoever arising under contract, tort (including negligence) or otherwise for all loss and/or damage including, but not limited to, for personal injury, sickness or death, damage to real property and/or chattels and all indirect and consequential loss (including loss of profits).

END OF SDS