SAFETY DATA SHEET

1. Identification

Product identifier KD401D KNOCKDOWN TOTAL RELEASE FOGGER (OR FUMIGATOR) 0.4% PYRETHRIN

Other means of identification

Product code KD401D

Recommended use PESTICIDE

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name KUUS INC.

Address 450 TAPSCOTT ROAD

SCARBOROUGH, ON M1B 1Y4

Canada

Telephone General Assistance 1-416-298-7724

E-mail Not available.

Emergency phone number Canutec 1-888-226-8832

1-613-996-6666

2. Hazard(s) identification

Physical hazardsFlammable aerosolsCategory 1Health hazardsSkin corrosion/irritationCategory 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation.

May cause drowsiness or dizziness.

Precautionary statement

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated

area. Wear protective gloves.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON

SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If skin irritation occurs: Get

medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from

sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental hazards Hazardous to the aquatic environment, acute Category 1

hazard

Hazardous to the aquatic environment, Category 1

long-term hazard

Other hazards None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|---------|
| Naphtha, (Petroleum), Hydrotreated Light | | 64742-49-0 | 30 - 60 |
| Propane | | 74-98-6 | 30 - 60 |
| n-Heptane | | 142-82-5 | 10 - 30 |
| Isopropyl Alcohol | | 67-63-0 | 5 - 10 |
| Distillates (petroleum), Hydrotreated Light | | 64742-47-8 | 1 - 5 |
| Methylcyclohexane | | 108-87-2 | 1 - 5 |
| Piperonyl Butoxide | | 51-03-6 | 1 - 5 |
| Pyrethrins | | 8003-34-7 | 0.1 - 1 |
| Other components below reportable | evels | | 0.1 - 1 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get

medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

Most important

symptoms/effects, acute and

delayed

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.

Indication of immediate medical attention and special

treatment needed
General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

Symptoms may be delayed.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Foam. Powder. Carbon dioxide (CO2).

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

Specific hazards arising from

the chemical

Do not doe water jet de an examgaioner, de une win oprodu une me

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not

breathe fumes.

General fire hazards Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

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8. Exposure controls/personal protection

Occupational exposure limits

| - | | = | | |
|-----|--------------|------------------|---------------------|--|
| US. | ACGIH | Threshold | Limit Values | |

| Components | Туре | Value | |
|------------------------------------|------------------------------|--------------------|--|
| Isopropyl Alcohol (CAS 67-63-0) | STEL | 400 ppm | |
| | TWA | 200 ppm | |
| Methylcyclohexane (CAS 108-87-2) | TWA | 400 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Pyrethrins (CAS 8003-34-7) | TWA | 5 mg/m3 | |
| Canada. Alberta OELs (Occupatio | nal Health & Safety Code, Sc | nedule 1, Table 2) | |
| Components | Туре | Value | |
| Isopropyl Alcohol (CAS 67-63-0) | STEL | 984 mg/m3 | |
| | | 400 ppm | |
| | TWA | 492 mg/m3 | |
| | | 200 ppm | |
| Methylcyclohexane (CAS 108-87-2) | TWA | 1610 mg/m3 | |
| | | 400 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 2050 mg/m3 | |
| | | 500 ppm | |
| | TWA | 1640 mg/m3 | |
| | | 400 ppm | |
| Propane (CAS 74-98-6) | TWA | 1000 ppm | |
| Pyrethrins (CAS 8003-34-7) | TWA | 5 mg/m3 | |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Safety Regulation 296/97, as amen Components | Туре | Value | Form |
|---|-----------------------------------|--|--------------|
| istillates (petroleum), ydrotreated Light (CAS 4742-47-8) | TWA | 200 mg/m3 | Non-aerosol. |
| sopropyl Alcohol (CAS 7-63-0) | STEL | 400 ppm | |
| , | TWA | 200 ppm | |
| lethylcyclohexane (CAS 08-87-2) | TWA | 400 ppm | |
| -Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Pyrethrins (CAS 8003-34-7) | TWA | 5 mg/m3 | |
| anada. Manitoba OELs (Reg. 217 | 2006, The Workplace Safety | And Health Act) | |
| components | Туре | Value | |
| sopropyl Alcohol (CAS 7-63-0) | STEL | 400 ppm | |
| • | TWA | 200 ppm | |
| Nethylcyclohexane (CAS 08-87-2) | TWA | 400 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Pyrethrins (CAS 8003-34-7) | TWA | 5 mg/m3 | |
| Canada. Ontario OELs. (Control of Components | Exposure to Biological or C Type | hemical Agents) Value | |
| • | | | |
| sopropyl Alcohol (CAS 37-63-0) | STEL | 400 ppm | |
| Anthodoxinle brown a (OAO | TWA | 200 ppm | |
| Methylcyclohexane (CAS 08-87-2) | TWA | 400 ppm | |
| Pyrethrins (CAS 8003-34-7) | TWA | 5 mg/m3 | |
| canada. Quebec OELs. (Ministry o components | f Labor - Regulation Respect Type | ting the Quality of the Work Er Value | nvironment) |
| sopropyl Alcohol (CAS 7-63-0) | STEL | 1230 mg/m3 | |
| , | | 500 ppm | |
| | TWA | 983 mg/m3 | |
| | | 400 ppm | |
| Nethylcyclohexane (CAS 08-87-2) | TWA | 1610 mg/m3 | |
| | | 400 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 2050 mg/m3 | |
| | | 500 ppm | |
| | TWA | 1640 mg/m3 | |
| | | 400 ppm | |
| Propane (CAS 74-98-6) | TWA | 1800 mg/m3 | |
| Pyrethrins (CAS 8003-34-7) | TWA | 1000 ppm 5 mg/m3 | |
| ogical limit values | | - | |
| ACGIH Biological Exposure Indice | 2 | | |
| | . | | |

Biol

| Components | Value | Determinant | Specimen | Sampling Time |
|---------------------------------|---------|-------------|----------|---------------|
| Isopropyl Alcohol (CAS 67-63-0) | 40 mg/l | Acetone | Urine | * |

^{* -} For sampling details, please see the source document.

Exposure guidelines

Canada - British Columbia OELs: Skin designation

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

Can be absorbed through the skin.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eve wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove Hand protection

supplier.

Wear appropriate chemical resistant clothing. Other

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas. **Form** Aerosol. Not available. Color Odor Not available. **Odor threshold** Not available. Not available. Melting point/freezing point Not available.

Initial boiling point and boiling

range

203 °F (95 °C) estimated

-156.0 °F (-104.4 °C) PROPELLANT estimated Flash point

Not available. **Evaporation rate** Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

1.3 % estimated

Flammability limit - upper

8.4 % estimated

(%)

Explosive limit - lower (%) Not available. Not available. Explosive limit - upper (%) Not available. Vapor pressure Not available. Vapor density Not available. Relative density

Solubility(ies)

Solubility (water) Not available. Partition coefficient Not available.

(n-octanol/water)

513.03 °F (267.24 °C) estimated **Auto-ignition temperature**

Not available. **Decomposition temperature** Not available. **Viscosity**

Other information

Explosive properties Not explosive. Not oxidizing. **Oxidizing properties** 0.659 estimated Specific gravity

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions. Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Strong oxidizing agents. Isocyanates. Chlorine. Incompatible materials No hazardous decomposition products are known. **Hazardous decomposition**

products

11. Toxicological information

Information on likely routes of exposure

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Inhalation

Causes skin irritation. Skin contact

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.

Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

| Components Species | Test Results |
|--------------------|--------------|
|--------------------|--------------|

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

Acute **Dermal**

LD50 Rabbit > 2000 mg/kg

> 2000 mg/kg, 24 Hours

Inhalation

LC50 Rat > 7.5 mg/l, 6 Hours

> 4.6 mg/l, 4 Hours

Oral

LD50 Rat > 5000 mg/kg

Isopropyl Alcohol (CAS 67-63-0)

Acute

Dermal

LD50 Rabbit 16.4 ml/kg, 24 Hours

Inhalation

LC50 Rat > 10000 ppm, 6 Hours

Oral

Rat LD50 5.84 g/kg

Methylcyclohexane (CAS 108-87-2)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg, 24 Hours

Inhalation

Vapor

LC100 Rabbit 59.9 mg/l

LC50 Dog > 4071 ppm, If <1L: Consumer Commodity Hours

> 16.3 mg/l, If <1L: Consumer Commodity

Hours

| Components | Species | Test Results |
|-----------------------------|--------------------------------|---|
| | Mouse | > 6564 ppm, If <1L: Consumer Commodity Hours |
| | | > 26.3 mg/l, If <1L: Consumer Commodity Hours |
| | Rat | > 6564 ppm, If <1L: Consumer Commodity Hours |
| | | > 26.3 mg/l, If <1L: Consumer Commodity Hours |
| LC50 | Rat | 16 mg/l, 4 Hours |
| Naphtha, (Petroleum), Hydro | treated Light (CAS 64742-49-0) | |
| Acute | | |
| Dermal | | |
| LD50 | Guinea pig; Rabbit | > 9.4 ml/kg, 24 Hours |
| | Rabbit | > 1900 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 5000 mg/m3, 4 Hours |
| | | > 4980 mg/m3 |
| | | > 4980 mg/m3, 4 Hours |
| | | > 4.96 mg/l, 4 Hours |
| | | 13700 ppm, 4 Hours |
| Oral | | , , , , , , , , , , , , , , , , , , , |
| LD50 | Rat | 4820 mg/kg |
| n-Heptane (CAS 142-82-5) | | g.ng |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 2000 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 29.29 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |
| Piperonyl Butoxide (CAS 51- | 03-6) | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | - | > 2000 mg/kg |
| Inhalation | | |
| LC50 | Rat | > 5.2 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 2000 mg/kg |
| Propane (CAS 74-98-6) | | |
| <u>Acute</u> | | |
| Inhalation | | 400 |
| LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | | 52 %, 120 Minutes |
| | Rat | 1355 mg/l |
| | | 658 mg/l/4h |
| | | 658 mg/l/4h |

^{*} Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Canada - British Columbia OELs: Respiratory or skin sensitiser

Pyrethrins (CAS 8003-34-7) Capable of causing respiratory, dermal or conjunctival

sensitization.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

ACGIH Carcinogens

Isopropyl Alcohol (CAS 67-63-0)

Pyrethrins (CAS 8003-34-7)

A4 Not classifiable as a human carcinogen.

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

2-PROPANOL (CAS 67-63-0) Not classifiable as a human carcinogen. PYRETHRUM (CAS 8003-34-7) Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Piperonyl Butoxide (CAS 51-03-6) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

Not classified.

repeated exposure

Aspiration hazard

May be fatal if swallowed and enters airways.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

| Components | | Species | Test Results |
|-------------------------|---------------------|---|--------------------------------|
| Distillates (petroleum) | , Hydrotreated Ligh | t (CAS 64742-47-8) | |
| Aquatic | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.9 mg/l, 96 hours |
| Isopropyl Alcohol (CA | S 67-63-0) | | |
| Aquatic | | | |
| Algae | IC50 | Algae | 1000.0001 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | 13299 mg/L, 48 Hours |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | > 1400 mg/l, 96 hours |
| Methylcyclohexane (C | AS 108-87-2) | | |
| Aquatic | | | |
| Fish | LC50 | Striped bass (Morone saxatilis) | 5.8 mg/l, 96 hours |
| n-Heptane (CAS 142- | 82-5) | | |
| Aquatic | | | |
| Fish | LC50 | Mozambique tilapia (Tilapia mossambica) | 375 mg/l, 96 hours |
| Piperonyl Butoxide (C | AS 51-03-6) | | |
| Aquatic | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 0.0027 - 0.0043 mg/l, 96 hours |
| Pyrethrins (CAS 8003 | -34-7) | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia) | 0.018 - 0.032 mg/l, 48 hours |
| Fish | LC50 | Brown trout (Salmo trutta) | 0.0165 - 0.0229 mg/l, 96 hours |
| | | | |

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

 Isopropyl Alcohol
 0.05

 Methylcyclohexane
 3.61

 n-Heptane
 4.66

 Piperonyl Butoxide
 4.75

 Propane
 2.36

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste codeThe waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

14. Transport information

TDG

UN number UN1950

UN proper shipping name

Transport hazard class(es)

AEROSOLS, flammable

Class 2.1 Subsidiary risk -

Packing group Not applicable.

Environmental hazards Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es)

Class 2.1 Subsidiary risk -Label(s) 2.1

Packing group Not applicable.

Environmental hazards Yes **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

IMDG

UN number UN1950 UN proper shipping name AEROSOLS

Transport hazard class(es)

Class 2.1 Subsidiary risk -Label(s) 2.1

Packing group Not applicable.

Environmental hazards

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Not applicable.

Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or regionInventory nameOn inventory (yes/no)*AustraliaAustralian Inventory of Chemical Substances (AICS)NoCanadaDomestic Substances List (DSL)Yes

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |

EuropeEuropean List of Notified Chemical Substances (ELINCS)NoJapanInventory of Existing and New Chemical Substances (ENCS)NoKoreaExisting Chemicals List (ECL)NoNew ZealandNew Zealand InventoryNo

Philippines Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

16. Other Information

Issue date 06-06-2019

Version # 02

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

Revision information Product and Company Identification: Alternate Trade Names

Composition / Information on Ingredients: Component Summary

No

Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).