

GROSPURT CANADA

Material Safety Data Sheet

Date 16/07/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GROSPURT**

Brand: **WS-40**

Supplier: Grospurt Canada
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Vancouver B.C. V5V 5C8
CANADA

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2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS:

D28 Moderate eye irritant



Signal word Warning

WHMIS Classification:

Health hazard : 1

Flammability : 0

Physical hazards :

-Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
-Skin May be harmful if absorbed through skin. Causes skin irritation.
-Eyes Causes eye irritation.
-Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

-Chemical Name and concentration:

Soluble granules containing Gibberellic Acid (GA3)

-Synonyms : Gibberellin A3
GA3
-Formula : C19H22O6

4. FIRST AID MEASURES

-General advice

Call a poison control center or call a doctor immediately for treatment advice. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

-If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a poison control center or doctor.

-In case of skin contact

Wash off with soap and plenty of water. Call a poison control center or call a doctor.

-In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Call a poison control center or doctor.

-If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a poison control center or doctor.

5. FIRE-FIGHTING MEASURES

-Conditions of flammability

Not flammable or combustible.

-Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

-Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

-Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

6. ACCIDENTAL RELEASE MEASURES

-Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

-Environmental precautions

Do not let product enter drains.

-Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

-Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

-Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

Store under inert gas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

-Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

-Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

-Eye protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

-Skin and body protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

-Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.

-Specific engineering controls

Use mechanical exhaust or laboratory fume hood to avoid exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

-Appearance

Form solid
Colour no data available

-Safety data

pH no data available

Melting/freezing Melting point/range: 227 °C (441 °F)
Point

Boiling point no data available

Vapor pressure no data available

Density no data available

Water solubility no data available

Partition coefficient: no data available

Odor no data available

Evaporation rate no data available

10. STABILITY AND REACTIVITY

-Chemical stability

Stable under recommended storage conditions.

-Possibility of hazardous reactions

No data available

-Conditions to avoid

No data available

-Materials to avoid

Strong oxidizing agents

-Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. TOXICOLOGICAL INFORMATION

-Acute toxicity

LD50 Oral - rat - 6,300 mg/kg

-Inhalation LC50

No data available

-Dermal LD50

LD50 Dermal - rabbit - > 2,000 mg/kg

-Serious eye damage/eye irritation

No data available

-Summary:

May be harmful if inhaled. Causes respiratory tract irritation. May be harmful if swallowed.

May be harmful if absorbed through skin. Causes skin irritation. Causes eye irritation.

12. ECOLOGICAL INFORMATION

-Toxicity

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - > 150 mg/l - 96 h

-Persistence and degradability

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods:

Dispose of product in compliance with all federal, provincial and local laws concerning health and environment.

Empty containers:

Dispose of them properly according to regulations on empty containers in your locality or make available to a container recycling facility.

14. TRANSPORT INFORMATION

-DOT (US)

Not dangerous goods

-IMDG

Not dangerous goods

-IATA

Not dangerous goods

15. REGULATORY INFORMATION

-DSL Status

All components of this product are on the Canadian DSL list.

-WHMIS Classification

D2B Toxic Material Causing Other Toxic Effects Moderate eye irritant

This product has been classified in accordance with the hazard criteria of the Controlled Products

Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

-Further information

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Grosport Canada will not be liable for any damages, losses, injuries or consequential damages, which may result from the use of or reliance on any information, contained herein.