

SAFETY DATA SHEET.

Issuing date 03-Feb-2015 Revision Date 03-Feb-2015 Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name MQ-DECK& SNOW-JET

Recommended use of the chemical

and restrictions on use

Product code F02482

Product Type Extremely flammable aerosol

Synonyms None

Supplier's details

Recommended Use Non-stick Treatment for Lawn Mowers.

Uses advised against No information available

Emergency telephone number

Chemical Emergency Phone

Number

Chemtrec 1-800-424-9300

Company Emergency Phone

Number

866-213-0772

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Manufactured For:

MDI Products

36 Hovey Road

Monson, MA 01057

MDI Toll Free 866-213-0772

Fax 866-323-4832

www.mo-deck.com

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2. HAZARDS IDENTIFICATION

Classification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the

label elements below. The labeling below applies to industrial/professional products.

Skin corrosion/irritation Category 2

Specific target organ toxicity (single exposure) Category 3

Aspiration toxicity Category 1

GHS Label elements, including

precautionary statements

Emergency Overview

Precautionary Statements - Prevention

Wash hands thoroughly after handling

Wear protective gloves

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Do not spray on an open flame or other ignition source

Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

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

Flammable aerosols Category 1

Gases under pressure Compressed Gas

DANGER

Hazard Statements

Causes skin irritation

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways

Extremely flammable aerosol

Contains gas under pressure; may explode if heated

Appearance Clear

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Physical state Aerosol **Odor** Solvent

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name CAS-No Weight %*

PETROLEUM DISTILLATES 64741-65-7 40-50

PROPANE/ISOBUTANE/N-BUTANE 68476-86-8 30-40

HYDROTREATED LIGHT DISTILLATES 64742-47-8 10-20

NAPHTHENIC OIL, SEVERELY HYDROT 64742-52-5 1-10

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice Avoid contact with eyes, and clothing. Avoid breathing, vapors, mist, or gas.

Eye contact Immediately flush with plenty of water. Get medical attention if irritation persists.

Skin contact Wash off immediately with plenty of water. Get medical attention immediately if symptoms occur.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

Ingestion Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Most important symptoms/effects, acute and delayed

Main Symptoms May cause skin irritation. Inhalation causing Central Nervous System effects. ingestion causing lung damage.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

water fog. Dry chemical. Carbon dioxide (CO₂). Cool containers / tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other information

• Toxic to aquatic life with long lasting effects

0.000005% of the mixture consists of ingredient(s) of unknown toxicity

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Specific hazards arising from the chemical

Flammable or extremely flammable aerosol. Container may burst in fire.

Explosion Data

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate ventilation to keep the exposure levels below the OELS.

Environmental precautions

Environmental precautions Report spills as required by local and federal regulations.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain liquid and collect with an inter,non-combustible material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products Store away from strong oxidizers and acids.

Aerosol Level 3

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines .

Chemical Name ACGIH TLV

OSHA PEL NIOSH IDLH

PROPANE/ISOBUTANE/N-BUTANE

68476-86-8

74-98-6: TWA: 1000 ppm

106-97-8: STEL: 1000 ppm

75-28-5: STEL: 1000 ppm

74-98-6:TWA: 1000 ppm

TWA: 1800 mg/m³

(vacated) TWA: 1000 ppm

(vacated) TWA: 1800 mg/m³

106-97-8: (vacated) TWA: 800

ppm

(vacated) TWA: 1900 mg/m³

74-98-6:IDLH: 2100 ppm

TWA: 1000 ppm

TWA: 1800 mg/m³

106-97-8:TWA: 800 ppm

TWA: 1900 mg/m³

75-28-5:TWA: 800 ppm

TWA: 1900 mg/m³

HYDROTREATED LIGHT DISTILLATES

64742-47-8

TWA: 200 PPM 8 hours

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ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

Exposure controls

Engineering Measures Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Chemical resistant apron. Protective gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state Aerosol

Explosive properties No information available

Other information

VOC Content(%) 80.69

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Appearance Clear **Odor** Solvent

Color clear **Odor Threshold** No information available

Property Values Remarks • Methods

pH No information available

Melting/freezing point No information available

Boiling point/boiling range No information available

Flash Point -96.4 °C / -141 °F

Evaporation rate No information available

Flammability (solid, gas) No information available

Flammability Limits in Air

upper flammability limit No information available

lower flammability limit No information available

Vapor pressure No information available

Vapor density No information available

Specific Gravity 0.711

Water solubility Practically insoluble

Partition coefficient: n-octanol/waterNo information available

Autoignition temperature No information available

Decomposition temperature No information available

Viscosity No information available

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No data available

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Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Store away from strong oxidizers and acids.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known information

Inhalation Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.

Eye contact May cause slight irritation.

Skin contact Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

Ingestion Not acutely toxic. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Component Information

Chemical Name LD50 Oral LD50 Dermal LC50 Inhalation

PETROLEUM DISTILLATES

64741-65-7

> 7000 mg/kg (Rat) > 2000 mg/kg (Rabbit) > 5.04 mg/L (Rat) 4 h

HYDROTREATED LIGHT
DISTILLATES

64742-47-8

> 5000 mg/kg (Rat) > 2000 mg/kg (Rabbit) > 5.2 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting . Irritating to skin. Prolonged or repeated exposure may cause dermatitis. Contact with eyes may cause irritation. Not acutely toxic. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.

Eye damage/irritation May cause slight irritation.

Sensitization No information available.

Germ Cell Mutagenicity No information available.

Carcinogenicity There are no known carcinogenic chemicals in this product.

Reproductive toxicity The ingredients are not reproductive hazards.

Specific target organ systemic

toxicity (single exposure)

may cause drowsiness and dizziness.

Specific target organ systemic

toxicity (repeated exposure)

No information available.

Chronic toxicity Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0.000005% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

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ATEmix (oral) 48382 mg/kg

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ATEmix (dermal) 19353 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name Toxicity to algae Toxicity to fish Toxicity to microorganisms

Toxicity to daphnia and other aquatic invertebrates

PETROLEUM DISTILLATES

64741-65-7

30000 mg/L EC50

Pseudokirchneriella

subcapitata 72h

-- 2 mg/L LC50 Mysidopsis

bahia 48h

PROPANE/ISOBUTANE/NBUTANE

68476-86-8

HYDROTREATED LIGHT

DISTILLATES

64742-47-8

- 2.2 mg/L LC50 Lepomis

macrochirus 96h static 2.4

mg/L LC50 Oncorhynchus

mykiss 96h static 45 mg/L

LC50 Pimephales promelas

96h flow-through

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NAPHTHENIC OIL,

SEVERELY HYDROT

64742-52-5

- 5000 mg/L LC50

Oncorhynchus mykiss 96h

- 1000 mg/L EC50 Daphnia magna 48h

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name log Pow

PROPANE/ISOBUTANE/N-BUTANE
68476-86-8
2.8

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D

or

LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG UN1950, AEROSOLS, 2.1, LTD. QTY.

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15. REGULATORY INFORMATION

International Inventories

Chemical Name TSCA DSL/NDSL EINECS/ELI

NCS

ENCS IECSC KECL PICCS AICS

PETROLEUM

DISTILLATES

X X X X X X X X

PROPANE/ISOBUTA

NE/N-BUTANE

X X X Not listed X X X X

HYDROTREATED

LIGHT DISTILLATES

X X X X X X X X

NAPHTHENIC OIL,

SEVERELY HYDROT

X X X X X X X X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical

or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

Chronic Health Hazard Yes

Fire Hazard Yes

Sudden Release of Pressure Hazard Yes

Reactive Hazard no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any known Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

EPA Pesticide Registration Number Not applicable

Canada

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By AJ

Issuing date 03-Feb-2015

Revision Date 03-Feb-2015

Revision Note

No information available

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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

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

End of Safety Data Sheet

NFPA Health Hazard 2 Flammability 4 Instability 0 Physical and chemical hazards -

HMIS Health Hazard 2 Flammability 4

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Physical Hazard 1 Personal protection B