



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Force II DEADLINE Slug & Snail Killer**

Synonyms

- 100509275; EPA Reg. No.: 8119-6; UPC #: 0-70585-00320-8

Product Description

- Black-gray liquid.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Liquid slug and snail bait.

Restrictions on use

- Keep out of reach of children and pets. Avoid contact with eyes, skin or clothing. Avoid inhalation of vapors or fumes.

Details of the supplier of the safety data sheet

Manufacturer

- Matson, LLC
P.O. Box 1820
North Bend, WA 98045
United States

www.corrays.com

Emergency telephone number

Manufacturer

- 1-800-308-3723

Manufacturer

- 1-800-424-9300 - CHEMTREC

Manufacturer

- 1-703-527-3887 - CHEMTREC - Outside the U.S. - collect calls accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Eye Irritation 2A

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes serious eye irritation

Precautionary statements

Prevention • Wash thoroughly after handling.
Wear eye protection/face protection.

Response • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Other hazards

OSHA HCS 2012

- This product is toxic to mollusks (i.e. clams, oysters scallops and mussels.) Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Metaldehyde	CAS:108-62-3	4%
Ethoxylated alcohol	CAS:166736-08-9	1%
Other ingredients	NDA	Balance

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor for further treatment advice.

Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: Call a poison control center or physician for treatment advice. Have

person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to do so by poison control or physician. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

- Metaldehyde is a systemic toxin. This pesticide may be harmful to children and fatal to domestic animals if ingested. Causes serious eye irritation. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature have been reported. Treat symptomatically and supportively.

Antidotes

- NOTE TO VETERINARIAN: Animals typically are exposed via ingestion. Treatment is symptomatic and supportive. If significant ingestion suspected and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit absorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • Use appropriate extinguishing media for surrounding fire.

Unsuitable Extinguishing Media • Avoid heavy hose streams.

Firefighting Procedures • Do not allow fire fighting water to escape into waterways or sewers. Do not use direct stream of water. A direct stream of water may spread fire. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • No data available.

Hazardous Combustion Products • May decompose upon heating to produce toxic gases or fumes.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

Emergency Procedures

- Avoid unnecessary personnel and equipment traffic in the spill area. Do not allow

runoff into water, storm drains or drainage ditches. Stay upwind. Stop leak if you can do it without risk.

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Use appropriate Personal Protective Equipment (PPE).
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Avoid contact with skin, eyes, and clothing. Avoid breathing fumes. Use good safety and industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage

- This product can be harmful to children and fatal to domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging. Store this product in its original packaging, in a cool, secure location, and out of reach of children and pets. Keep container/package tightly closed in a cool, well-ventilated place. Keep only in the original container. Keep out of reach of children. Avoid excessive heat. Avoid direct sunlight.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use local exhaust ventilation.

Personal Protective Equipment

Pictograms



Respiratory

- If handling without sufficient ventilation, wear a NIOSH approved respirator.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear chemical resistant gloves.

Skin/Body

- It is recommended for handlers to wear appropriate clothing to prevent skin contact including long sleeves, long pants, socks and shoes.

Environmental Exposure Controls

- Avoid release to the environment.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black-gray liquid.
Color	Black-gray	Odor	Mint
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	5 to 5.6
Specific Gravity/Relative Density	0.995 to 1.055 Water=1	Water Solubility	Soluble
Viscosity	Slightly viscous		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- Non-reactive

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Keep from direct sunlight. Excess heat.

Incompatible materials

- No data available.

Hazardous decomposition products

- May decompose upon heating to produce toxic vapors/gases.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Metaldehyde (4%)	108-62-3	Acute Toxicity: Ingestion/Oral-Rat LD50 • 283; Skin-Rat LD50 • >5000 mg/kg; Irritation: Eye-Rabbit • Mild irritation; Skin-Rabbit • Essentially non-irritating

GHS Properties	Classification
	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute

Acute toxicity	Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2A
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)** • May cause respiratory irritation.
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Eye

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available

Ingestion

- Acute (Immediate)** • Metaldehyde is a systemic toxin. This product can be harmful to children and fatal to domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging.

- Chronic (Delayed)** • No data available.

Mutagenic Effects

- Metaldehyde is not a mutagen.

Carcinogenic Effects

- Metaldehyde is not a carcinogen. No other components present at 0.1% or greater are listed by IARC, OSHA or NTP.

Reproductive Effects

- Metaldehyde did not produce developmental effects in rats.

Section 12 - Ecological Information

Toxicity

Components		
Metaldehyde (4%)	108-62-3	Aquatic Toxicity-Fish: 96 Hour(s) LC50 <i>Rainbow trout</i> 75 mg/L [(Acute)] Aquatic Toxicity-Crustacea: 48 Hour(s) EC50 Water Flea <i>Daphnia magna</i> >90 mg/L [(Acute)]

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects**Potential Environmental Effects**

- This product is toxic to mollusks (i.e. clams, oysters scallops and mussels.)

Section 13 - Disposal Considerations**Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Never place unused product down any indoor or outdoor drain.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications • Acute

FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information,

including directions for use.

CAUTION

Precautionary Statements • KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

Harmful if absorbed through the skin. Causes moderate eye irritation. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

First Aid •

If on skin or clothing: Take off contaminated clothing, rinse skin immediately with plenty of water for 15-20 minutes, call a poison control center or doctor for treatment advice. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice, have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person. If inhaled: Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature have been reported.

Note to Veterinarian: Animals typically are exposed via ingestion. Treatment is symptomatic and supportive. If significant ingestion is suspected, and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit adsorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

Environmental Hazards •

This product is toxic to mollusks (e.g. clams, oysters, scallops, mussels). Do not apply near water (including garden ponds) or storm drains. Do not apply if heavy rain is expected. Apply this product only around gardens and ornamental plants.

Inventory		
Component	CAS	TSCA
Ethoxylated alcohol	166736-08-9	Yes
Metalddehyde	108-62-3	No

Section 16 - Other Information

Revision Date	• 22/August/2016
Last Revision Date	• 25/February/2016
Preparation Date	• 25/February/2016
Disclaimer/Statement of Liability	• The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO

WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.