

SAFETY DATA SHEET

Thrasher Pre-Spray

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Thrasher Pre-Spray
Product Number: C176-G, CS
CAS Number: Blend

Company Identification

Chem-Dry New Zealand LTD
108 Kelfield Place
Hastings, New Zealand
0800 24 36 37 Chem-Dry New Zealand LTD (For product information)

HRI

SPECIAL NOTES:

Formula Date 03/30/2017.

2. HAZARDS IDENTIFICATION

SIGNAL WORD:

Danger.

GHS Classification:

Serious Eye Damage/Eye Irritation - Category 1
Skin Corrosion/Irritation - Category 1B
Chronic Aquatic Toxicity - Category 3

GHS Hazard Symbols:

Corrosive, Irritant, Health Hazard, Environmentally Damaging



GHS Hazard Statements:

H318 - Causes serious eye damage.
H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H412 - Harmful to aquatic life with long lasting effects.

EYE:

Causes eye damage.



SKIN:

Causes severe skin burns.

INHALATION:

May cause respiratory respiratory irritation.

INGESTION:

Harmful if swallowed.

CARCINOGENICITY INFORMATION:

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, OSHA, or NTP as a carcinogen.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
SODIUM CARBONATE	50.0 - 80.0 %	497-19-8
SODIUM METASILICATE	8.0 - 18.0 %	6834-92-0
ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT	1.0 - 5.0 %	64-02-8
ALCOHOLS, C11-15-SECONDARY, ETHOXYLATED	4.0 - 8.0 %	68131-40-8
1,3-PROPANEDIOL, 2-METHYL-	1.0 - 4.0 %	2163-42-0
PINE OIL	2.0 - 5.0 %	8002-09-3
SURFACTANT	4.0 - 10.0 %	

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

Wash affected area immediately with large amounts of water for at least 15 minutes. Get medical attention.

INHALATION FIRST AID:

Remove from area of exposure. Get medical attention.

INGESTION FIRST AID:

If swallowed, do NOT induce vomiting. Wash out mouth with water. Get medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, foam, or dry powder.

COMBUSTION PRODUCTS:



Fumes of carbon monoxides, dioxides and unburned hydrocarbons.



6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure.

INITIAL CONTAINMENT:

Contain spilled material.

LARGE SPILLS PROCEDURE:

Do not flush to sewer.

SMALL SPILLS PROCEDURE:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 4.4 C (39.9 F)

Maximum: 37.8 C (100.0 F)

HANDLING (PERSONNEL):

Avoid contact with skin and eyes. Avoid breathing dust.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep dry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EXPOSURE GUIDELINES:

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT

OSHA PEL: 15 total dust mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Damp Powder
COLOR:	White
ODOR:	Pine Oil
SOLUBILITY IN WATER:	soluble
PH:	11.0-13.0 (3.0% solution)



10. STABILITY AND REACTIVITY

STABILITY:

Stable.

INCOMPATIBILITY WITH OTHER MATERIALS:

Incompatible with strong oxidizing agents, strong acids.

DECOMPOSITION:

Thermal decomposition generates: Carbon oxides.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

SODIUM METASILICATE

Test Code: Oral LD50

Species: Rat

Results: 1153 mg/kg

Test Code: Inhalation LC50

Species: Rat

Results: >2.06 g/m3

Test Code: Dermal LD50

Species: Rat

Results: > 5000 mg/kg

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT

Test Code: Oral LD50

Species: Rat

Results: 4090 mg/Kg

ALCOHOLS, C11-15-SECONDARY, ETHOXYLATED

Test Code: Acute oral LD50

Species: Rat

Results: 3,336 mg/kg

Test Code: LD50 Dermal

Species: Rabbit

Results: 3,972 mg/kg

Disodium EDTA, dihydrate

Test Code: LD50 oral

Species: rat

Results: 2000 mg/kg

Sodium carbonate

Test Code: Inhalation LC50

Species: Rat



Thrasher Pre-Spray
RTN Number:

Results: 2300 mg/m³/2H

Test Code: Oral LD50



Species: Rat
Results: 2,800 mg/kg

Test Code: Dermal LD50
Species: Rabbit
Results: > 2,000 mg/kg

Test Code: Inhalation LC 50
Species: Rat
Results: 2.3 mg/l

13. DISPOSAL CONSIDERATIONS

SODIUM METASILICATE

Test Code: LC50
Species: Fish
Results: 210 mg/l (96 Hrs)

Test Code: EC50
Species: Aquatic Invertebrates
Results: 1700 mg/l

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT

Test Code: LC50 96HR
Species: Daphnia Magna
Results: 265-565 mg/l

ALCOHOLS, C11-15-SECONDARY, ETHOXYLATED

Test Code: LC50 96HR
Species: Lepomis macrochirus
Results: 4.6 mg/l

PINE OIL

Test Code: EC50/48H
Species: Daphnia magna
Results: 17-28 mg/l

Disodium EDTA, dihydrate

Test Code: LC50
Species: Fishes
Results: >500

C10-C16 ALKYL ALCOHOL SULFURIC ACID SODIUM SALT

Test Code: EC50
Description: Exposure time: 48 h
Species: Daphnia magna (water flea)
Results: 4.7 mg/l

Sodium carbonate

Test Code: EC50
Description: 48 h EC50
Species: Ceriodaphnia
Results: 200-227 mg/l

Test Code: LC50
Description: 96 h
Species: Bluegill Sunfish
Results: 300 mg/l



WASTE DISPOSAL:

Dispose of waste at an approved landfill in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Thrasher Pre-Spray
D.O.T. SHIPPING NAME:	Consumer commodity
D.O.T. HAZARD CLASS:	ORM-D
ID NUMBER:	ID8000
D.O.T. LABEL:	Consumer Commodity/ ORM-D

15. REGULATORY INFORMATION

MISCELLANEOUS:

IATA Shipping Classification:

UN3262, Corrosive Solid, Basic, Inorganic, nos (Sodium metasilicate Anhydrous) 8, II. Limited quantity exception for inner packaging not exceeding 1KG of product for passenger aircraft. Limited quantity exception for inner packaging not exceeding 25 KG of product for cargo aircraft.

IMO/IMDG Shipping Classification:

UN3262, Corrosive Solid, Basic, Inorganic, nos (Sodium metasilicate Anhydrous) 8, II. Limited quantity exception for inner packaging not exceeding 1KG.

REGULATORY LISTS SEARCHED:

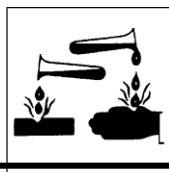
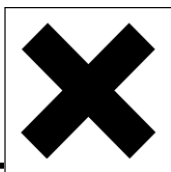
01 = SARA TITLE III SECTION 302	02 = SARA Title III Section 313
03 = RCRA HAZARDOUS WASTE CODES	04 = CERCLA Hazardous Substances
05 = CLEAN AIR ACT	06 = California Prop. 65

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands and skin thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/330/331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302/352 - IF ON SKIN: Wash with plenty of soap and water.
P303/361/353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 - Do NOT induce vomiting.
P332/313 - If skin irritation occurs: Get medical advice/attention.
P337/313 - If eye irritation persists: Get medical advice/attention.

EEC Symbols and Indications of Danger:

Irritant (Xi), Corrosive (C), Dangerous For The Environment (N)



R-Phrases:

R34 - Causes burns.
R20/21/22 - Harmful by inhalation, in contact with skin, and if swallowed.
R37 - Irritating to respiratory system.
R51/53 - Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

S-Phrases:

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection.
S24/25 - Avoid contact with skin and eyes.
S1/2 - Keep locked up and out of the reach of children.

WHMIS Hazard Symbols:

Class E - Corrosive Material



Canadian Disclosure List

SODIUM CARBONATE (497-19-8)
SODIUM METASILICATE (6834-92-0)

SARA Title III - Section 313

Thrasher Pre-Spray (BLEND) --

CERCLA Hazardous Substances

Thrasher Pre-Spray (BLEND) --

16. OTHER INFORMATION

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

PREPARED BY:	Sterling Nesbit
APPROVED BY:	Sterling Nesbit
TITLE:	Chemist
APPROVAL DATE:	October 2, 2018
SUPERCEDES DATE:	October 2, 2018
RTN NUMBER:	00000359 (Official Copy)

