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Material Safety Data Sheet

Section 1 Company and Product Identification

Issued by: Crown Royale Ltd.
99 N. Broad Street
Phillipsburg, NJ 08865
Tel# 908-859-1999

Product Name: Clip-Eze
Case No: N/A-Mixture

2. HAZARDS IDENTIFICATION

EU Classification: This preparation is classified as dangerous according to European Union Legislation
Indication of Danger: N Dangerous For The Environment
R-phrases(s): R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.

Hazard Summary

Target Organs: • None.
Primary Routes of Entry: Eyes. Skin.
Acute Health Hazard: None known.
Chronic Health Hazard: None known
Symptoms of Overexposure
Eye Contact: Not hazardous
Skin contact: Not hazardous
Ingestion: Not hazardous

Inhalation: Not hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components:	Weight %	EU Classification	REACH Classification	ECC Number
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate 53633-54-8	19-21	NA	N/A	NA

4. FIRST AID MEASURES

Eye Contact: Flush with plenty of water.

Skin Contact: Wash off with soap and water.

Ingestion: Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention.

Inhalation: Not hazardous by inhalation. Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: All types

Combustion/Explosion Hazards: None Known

Special Protective Equipment For Fire-Fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective equipment.

Environmental Precautions: The product should not be allowed to enter drains, water courses or the soil.

Methods for Cleaning Up: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Use only in well-ventilated areas.

Respiratory Protection: Use only in well-ventilated areas.

Hand Protection: Wear protective gloves.

Eye Protection: Safety glasses.

Environmental Controls: Not determined.

Exposure Limits:

Components:	German Recommended Exposure Limits (MAK):	UK Workplace Exposure Limits (WELs):	Belgium - Recommended Exposure Limits:	Italy - Recommended Exposure Limits:	France - Recommended Exposure Limits:
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate 53633-54-8 (19-21)	Not determined	Not determined	Not Determined	Not Determined	Not Determined

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous liquid

Color: Hazy (Darkens with age)

pH: 5.5 - 7.0

Flash Point (°F): >220 (>104.5°C)

Boiling Point (°F): Not determined

Melting/Freezing Point (°F): NA

Vapor Pressure: Not determined

Solubility: Soluble in Water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: None known

Materials to Avoid: Strong oxidizing agents, Reducing agents

Hazardous decomposition products: Sodium oxides, nitrogen oxides (NO_x)

11. TOXICOLOGICAL INFORMATION

Toxicity Test:

Acute Oral Toxicity:	12800 mg/kg (Rat)
Eye Irritation:	Non-irritating to rabbit eye.
Skin Irritation:	Non-irritating to rabbit skin. Non irritating (Human RIPT).
Sensitization:	Non- sensitizing to guinea pig skin. Human RIPT: Non-sensitizing
Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Other Information:	Phototoxicity: Non-phototoxic Photoallergy: Non-photoallergic

12. ECOLOGICAL INFORMATION

Persistence and Degradability:	Poorly biodegradable.
Ecotoxicity:	Rainbow trout, 96 hr. LC50: 4.47 mg/l Daphnia magna, 48 hr. EC50: 177.1 mg/l
Bioaccumulative Potential:	Not determined
Mobility:	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of in accordance with local regulations.
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14. TRANSPORT INFORMATION

Land Transport:

DOT (Non-Bulk):

THIS PRODUCT IS NOT REGULATED BY US DOT IN PACKAGES LESS THAN 119 GALLONS VIA LAND TRANSPORTATION.
IT MUST BE RELABELED FOR EXPORT AND FOR TRANSPORTATION VIA AIR OR SEA.

DOT (Bulk):

UN/NA Number:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate)
Hazard Class:	9
Packing Group:	III
DOT Marine Pollutant:	Marine pollutant
Air Transport (IATA):	
UN Number:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate)
Hazard Class:	9
Packing Group:	III
Sea Transport (IMO):	
UN/ID Number:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate)
Hazard Class:	9
Packing Group:	III
Marine Pollutant:	Marine pollutant
ADR:	
UN:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone, compound with diethyl sulfate)
CLASS:	9
Packing group:	III

15. REGULATORY INFORMATION

Classification:

Indication of Danger:

N Dangerous For The Environment



R-phrase(s):

R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.

S-phrase(s):

S57 - Use appropriate container to avoid environmental contamination.
S61 - Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Inventories	Status
TSCA	Listed
DSL	Listed
NDSL	Not Listed
ENCS	Not Listed
AICS	Listed
EINECS	Not Listed
ELINCS	Not Listed
NZIoC	Listed
KECI	Listed
PICCS	Listed
IECSC	Listed

**California Proposition 65
Carcinogens & Reproductive
Toxicity (CRT) List:**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**Germany VCI Assigned
Classification into Water
Endangering Classes (WGK) List:**

Not determined

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3: R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.

Prepared By: Product Stewardship

Revision Date: 12/09/2009

MSDS sections updated: This data sheet contains changes from the previous version in section(s) 1,2,6,7,9,10,11,14,16

Legend: N.Av.= Not Available; N.A.= Not Applicable

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End of Safety Data Sheet