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Material Safety Data Sheet
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1 Product Identification

Tradename:
3M BRAND SPEED STRIPPER CONCENTRATE PRODUCT NO.6,TWIST'N FILL(TM)
SYSTEM

Product ID:
XN-1015-1343-2 70-0705-2689-5 70-0705-4319-7 70-0705-4908-7
70-0707-1422-8 70-0708-3907-4 70-0708-3995-9 70-0710-0963-6
70-9999-5012-7

Intended Use of Product:
To be diluted and dispensed in a mechanical dispenser; dilution
ratio is: 1:15

Division:
COMMERCIAL CARE DIVISION

Limitations on Use of Product:
2L concentrate bottle yields 30 liters Ready-To-Use product.

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
BENZYL ALCOHOL	100-51-6	30 - 60
ETHANOLAMINE	141-43-5	30 - 60
CAPRYLIC ACID	124-07-2	10 - 30
CAPRIC ACID	334-48-5	10 - 30

Ingredient Statements

IN CASE OF EMERGENCY: THE NUMBER AT THE TOP OF THIS PAGE PROVIDES 24
HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS MATERIAL.

3 Hazards Identification

Critical Hazards

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision. Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation. May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion. Inhalation may cause: Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Combustible liquid and vapour.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

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

Instructions for Skin Contact:

Immediately flush skin with large amounts of water for at least 15 minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

Instructions for Inhalation:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

Instructions for Ingestion:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

5 Fire Fighting Measures

Flash point: > 104.4 C TCC

Lower Explosive Limit (%): Not Available.

Upper Explosive Limit (%): Not Available.

Autoignition temperature: Not Available.

Suitable Extinguishing Media:

Water spray; Carbon Dioxide; Dry chemical; Foam;

Exposure Hazards during Fire:

No unusual fire or explosion hazards are anticipated.

Combustion Products from Fire:

Carbon monoxide and carbon dioxide;
Oxides of Nitrogen;
Amine Compounds;
Irritant vapours or gases;

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Spill Response:

Ventilate area. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

Methods for Disposal:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. For larger quantities: Incinerate in an industrial or commercial facility in the presence of a combustible material.

7 Handling and Storage

Storage Requirements:

Store away from areas where product may come into contact with food or pharmaceuticals. Keep container closed when not in use.

Incompatible Materials:

None known

Use Instructions:

Keep container tightly closed. Not intended for consumer sale or use. This product is not intended to be used without prior dilution as specified on the product label.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

NOTE: When used as directed and diluted and dispensed with a TWIST'N FILL (tm) Chemical Dispenser, eye contact with the concentrate is not expected to occur. Avoid eye contact. Avoid eye contact with vapour, spray, or mist. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Wear unvented goggles during operations in which exposure is likely. Wear full-face shield.

Hand Protection:

NOTE: When used as directed and diluted and dispensed with a TWIST'N FILL (tm) Chemical Dispenser, skin contact with the concentrate is not expected to occur. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: neoprene; nitrile rubber;

Skin Protection:

Avoid skin contact. Use one or more of the following personal protection items as necessary to prevent skin contact: apron; coveralls;

Respiratory Protection:

NOTE: When used as directed and diluted and dispensed with a TWIST'N FILL (tm) Chemical Dispenser, respiratory protection is not required. Avoid breathing of vapours, mists or spray. Avoid breathing of airborne material. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants: full-face ammonia respirator; full-face methylamine respirator;

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Keep out of the reach of children.

Recommended Ventilation:

NOTE: When used as directed and diluted and dispensed with a TWIST'N FILL (tm) Chemical Dispenser, special ventilation is not required. Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Ingredient Exposure Data

BENZYL ALCOHOL (100-51-6)

LD50 (rat, oral): 1230 mg/kg

Specific Ingredient Data: American Industrial Hygiene Association (AIHA) Workplace Environmental Exposure Limit: 10 ppm

LD50 (dermal, guinea pig): < 5225 mg/kg

ETHANOLAMINE (141-43-5)

LD50 (rat, oral): 1720 mg/kg
PIN (Product Identification Number): 2491
Ontario TWAEV: 3 ppm 7.5 mg/m³
Ontario STEV: 6 ppm 15 mg/m³
ACGIH TLV-TWA: 3 ppm 7.5 mg/m³
ACGIH TLV-STEL: 6 ppm 15 mg/m³

CAPRYLIC ACID (124-07-2)

LD50 (rat, oral): 10080 mg/kg
Specific Ingredient Data: No data available.

CAPRIC ACID (334-48-5)

LD50 (rat, oral): > 10 g/kg
Specific Ingredient Data: No data available.

9 Physical and Chemical Properties

Physical form,Color,Odour: Liquid; blue; mild soap odour;
Odour Threshold: No data available.
pH: Approximately 11.3
Boiling point/boiling range: > 148.9 C
Melting point/melting range: Not applicable.
Vapour pressure: Not Available.
Water Solubility: Complete
Partition coefficient (K o/w): No data available.
Specific gravity: 1.02 Water=1
Vapour density: > 1 Air=1
Volatile organic compounds: Approximately 25 %
Evaporation rate: > 1 Water=1
Viscosity: < 100 centipoise Brookfield

10 Stability and Reactivity

Conditions to Avoid:

None known.

Materials to Avoid:

Not applicable.

Hazardous Decomposition:

Carbon monoxide and carbon dioxide; Oxides of Nitrogen; Amine
Compounds; Irritant vapours or gases;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

Effects from Skin Contact:

Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation. May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

Effects from Inhalation:

Single overexposure, above recommended guidelines, may cause: Illness requiring medical attention may result from a single exposure by inhalation to moderate quantities of this material. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness. Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Effects from Ingestion:

Ingestion is not a likely route of exposure to this product. Illness may occur after a single swallowing of relatively large quantities of this material. Ingestion may cause: Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces. Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

Sensitization Information:

No data available.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Other Effects & Information:

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: medical conditions, if any, known to be aggravated by exposure to this product are indicated in the appropriate portions of the Toxicological Information section of this data sheet. **CARCINOGENS:** components of this product, if any, known to cause, or suspected of causing,

cancer as determined by OHSA, IARC, or NTP are described in the Toxicological Information section of this data sheet.

12 Ecological Information

Ecotoxicity Data:

A 3M Product Environmental Data Sheet (PED) is available.

Other Effects and Information:

The use of this product is expected to have no significant environmental impact. All components will eventually degrade in the environment.

13 Disposal Considerations

Product as Sold:

No data available.

Product Packaging:

No data available.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification:	Regulated Material.
Proper Shipping Name:	ETHANOLAMINE SOLUTIONS
Class/Division:	8.0
UN Number:	UN 2491
Packing Group:	III

International Dangerous Goods Classification

IMO Class:	No data available.
ICAO Class:	No data available.

15 Regulatory Information

WHMIS Classification: E,

NOTE:

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.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

TSCA - Toxic Substances Control Act (USA)

EINECS - European Inventory of Existing Commercial Chemical Substances

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:

Added/changed product ids of MSDS

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