

SAFETY DATA SHEET

Quick Strip

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Quick Strip
Product Use:	Floor Finish Remover
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	: (905) 682-8888
Emergency Telephone:	: CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: GHS Classification: Skin Irritation: Eye Irritation: Acute Toxicity: GHS Label Elements: Hazard Pictograms	Liquid Category 1B Category 1 Category 5
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Signal Word: Hazard Statements: Precautionary Statements: Potential Health Effects: Inhalation Skin Eyes Ingestion Aggravated Medical Condition Symptoms of Overexposure	Danger H303 May be harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation Prevention P102 Keep out of reach of children P262 Do not get in eyes, on skin, or on clothing P284 In case of inadequate ventilation wear respiratory protection Response P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes P305 IF IN EYES: Flush with plenty of water for at least 15 minutes P332+P313 If skin irritation persists, get medical attention : If misted, may cause irritation of mucous membranes and/or coughing : Slightly irritating to the skin. May cause irritation of sensitive skin. : May cause irritating, watering of eyes and inflammation of conjunctiva. : May cause gastrointestinal upsets, nausea, and/or vomiting. : None known : See section 11.
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SAFETY DATA SHEET

Quick Strip

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]	Trade Secret
Benzyl Alcohol	100-51-6	3-10	*
Monoethanolamine	141-43-5	3-10	*

* The exact percentage has been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
Skin Contact	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
Eye Contact	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
Ingestion	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.
Note to physicians	: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical
Specific hazards arising from the chemical	: The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapours. In the event of fire do not breathe fumes.



SAFETY DATA SHEET

Quick Strip

Special protective actions for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear.

Additional advice : None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear appropriate protective equipment.

Environmental precautions : Prevent entry into sewers or streams. Dike if needed.

Methods and materials for containment/cleaning up : Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

Additional advice : None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling : Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

Conditions for safe storage : Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

Other data : Incompatible with strong acids and bases. Incompatible with oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name
Monoethanolamine
141-43-5

ACGIH TLV
STEL: 6 ppm
TWA: 3 ppm

Exposure guidelines noted for ingredient(s).

OSHA PEL
TWA: 3 ppm
TWA: 6 mg/m³
(vacated) TWA: 3 ppm
(vacated) TWA: 8 mg/m³
(vacated) STEL: 6 ppm
(vacated) STEL: 15 mg/m³

NIOSH IDLH
IDLH: 30 ppm
TWA: 3 ppm
TWA: 8 mg/m³
STEL: 6 ppm
STEL: 15 mg/m³

Diethanolamine
111-42-2

TWA: 1 mg/m³ respirable fraction and vapor
S*

(vacated) TWA: 3 ppm
(vacated) TWA: 15 mg/m³

TWA: 3 mg/m³ ppm
STEL: 15 mg/m³

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls

Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

No Information available. Avoid contact with eyes.

Skin and body protection

No Information available. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

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.

SAFETY DATA SHEET

Quick Strip

General Hygiene

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	: Translucent Pink
Odor:	: Amine
Odor Threshold:	: Not available
pH:	: 11.0-12.0
Melting point/ freezing point:	: Not available
Initial boiling point and boiling range:	: 100 °C (@760mm Hg)
Flash point:	: Not available
Evaporation rate:	: Not available
Flammability (solid, gas):	: Not available
Upper/lower flammability or explosive limits:	: Not available
Vapour pressure:	: Not available
Vapour density:	: Not available
Relative density (g/mL):	: Not available
Water solubility:	: Complete
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: Not available
Density (lbs/gal)	: 9.26
Decomposition temperature	: Not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical Stability	: Stable under recommended storage conditions
Possibility of hazardous reactions	: None under normal processing
Conditions to avoid	: Exposure to air or moisture over prolonged periods.
Incompatible materials	: Incompatible with strong acids and bases. Incompatible with oxidizing agents.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating and toxic gases and vapours.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Harmful by inhalation and in contact with eyes and skin.

Inhalation

Avoid breathing vapours or mists. Inhalation of vapours in high concentration may cause irritation of respiratory system. Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure and increased heart rate.

Eye contact

Avoid contact with eyes. Causes severe eye damage.

Skin Contact

Avoid contact with skin. Corrosive. Contact with skin may cause severe irritation and burns.



SAFETY DATA SHEET

Quick Strip

Ingestion

May be harmful if swallowed. Do not taste or swallow.

<p>Chemical Name Benzyl Alcohol 100-51-6 Monoethanolamine 141-43-5</p>	<p>Oral LD50 = 1230 g/kg (Rat) =1720 mg/kg (Rat)</p>	<p>Dermal LD50 > 2 g/kg (Rabbit) = 1mL/kg (Rabbit)= 1000mg/kg (Rabbit)</p>	<p>Inhalation LC50 = 8.8 mg/L (Rat) 4 h -</p>
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Information on toxicological effects

<p>Symptoms Delayed and immediate effects as well as chronic effects from short and long-term exposure Sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity STOT - single exposure STOT - repeated exposure Chronic Toxicity</p>	<p>No Information available. No Information available. No Information available. No Information available. No Information available. No Information available. No Information available. Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeat exposure. Possible risk of irreversible effects. Central nervous system, EYES, Respiratory system. Skin. No Information available.</p>
<p>Target organ effects Aspiration hazard Numerical measures of toxicity - Product Information Unknown Acute Toxicity</p>	<p>22% of the mixture consists of ingredient(s) of unknown toxicity</p>

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Ecotoxicity:

24.005% of the mixture consists of components of unknown hazards to the aquatic environment.

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Benzyl Alcohol 100-51-6	35:3h Anabaena variabilis mg/L EC50	460: 96h Pimephales promelas mg/L LC50 static 10:96h Lepomis macrochirus mg/L LC50 static.	23:48h water flea mg/L EC50
Monoethanolamine 141-43-5	15:72h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow- through 3684:96h Brachydanio rerio mg/L LC50 static 300-1000:96h Lepomis macrochirus mg/L LC50 static 114- 196:96h Oncorhynchus mykiss mg/L LC50 static 200:96h Oncorhynchus mykiss mg/L LC50 flow-through	65: 48h Daphnia magna mg/L EC50
Diethanolamine 111-42-2	7.8:72h Desmodesmus subspicatus mg/L EC50 2.1-2.3:96h Pseudokirchneriella subcapitata mg/L EC50	4460-4980: 96h Pimephales promelas mg/L LC50 flow-through 1200- 1580:96h Pimephales promelas mg/L LC50 static	55: 48 h Daphnia magna mg/L EC50



SAFETY DATA SHEET

Quick Strip

		600-1000:96h Lepomis macrochirus mg/L LC50 static	
Benzaldehyde 100-52-7		10.6-11.8:96h Oncorhynchus mykiss mg/L LC50 flor-through 12.69:96h Oncorhynchus mykiss mg/L LC50 static 0.8-1.44:96h Lepomis macrochirus mg/L LC50 flow-through 6.8-8.53:96h Pimephales promelas mg/L LC50 flow-through 7.5:96h Lepomis macrochirus mg/L LC50 static	50: 24 h Daphnia magna mg/L EC50

Persistence and degradability: : Not available
Bioaccumulative potential: : Not available
Mobility in soil: : Not available
Other adverse effects: : Not available

Chemical Name	Partition Coefficient
Benzyl Alcohol	1.1
Monoethanolamine	-1.91

SECTION 13 - DISPOSAL CONSIDERATIONS

Product : Sanitary sewer or dry absorbent if available.
For large quantities, contact local environmental department or government authorities
Do not dispose in drains, waterways, or soil
Do not contaminate ponds, or ditches with chemical or the used container

SECTION 14 - TRANSPORT INFORMATION

UN Number : UN2491
UN Proper Shipping Name : Ethanolamine Solutions
Transport hazard class(es) : 8
Packing group, if applicable : III
Environmental hazards : Not available
Special precautions for user : Not Available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Status : Not known
WHMIS classification : Not known
DSL/NDSL : Complies (Canadian Domestic Substances List/ Non-Domestic Substances List)

SECTION 16 - OTHER INFORMATION



SAFETY DATA SHEET

Quick Strip

Page 7 of 7

Prepared by: Technical Services
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NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)