

DYNA STRIP

SECTION 1. IDENTIFICATION

Product Identifier	DYNA STRIP
Other Means of Identification	700-DS
Other Identification	Bulk
Recommended Use	Floor finish remover.
Manufacturer/Supplier Identifier	The Cleaning House, 973 Barton St. E., Hamilton, Ontario, L2L 3C4, Shannon Morgan , (905) 547-2636
Emergency Phone No.	Poison Control: In Ontario, 1-800 268-9017 Poison Control: In Toronto, 416 813-5900
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SECTION 2. HAZARD IDENTIFICATION

Classification

Corrosive to metals - Category 1; Skin corrosion - Category 1B; Serious eye damage - Category 1

Label Elements



Signal Word:

Danger

Hazard Statement(s):

H290	May be corrosive to metals.
H303	May be harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
P234	Keep only in original packaging.
P264	Wash hands thoroughly after handling.
P280	Wear eye protection/face protection.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE or doctor if you feel unwell.
P390	Absorb spillage to prevent material damage.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Mixture:

Chemical Name	CAS No.	%	Other Identifiers
2-Butoxyethanol	111-76-2	10-30	
Ethanolamine	141-43-5	10-30	
Sodium hydroxide	1310-73-2	2.5-10	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Consult a physician in case of disorder.

Skin Contact

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital. Not to use solvents or thinners. Consult a doctor in the event of irritation.

Eye Contact

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any pain, redness or visual impairment, consult an ophthalmologist.

Ingestion

Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

In the event of a fire, do not use : water jet.

Specific Hazards Arising from the Product

Does not burn. Non flammable.

Special Protective Equipment and Precautions for Fire-fighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Environmental Precautions

Prevent any material from entering drains or waterways.

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If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for Safe Storage

Keep out of reach of children.

Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from flammable liquids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Sodium hydroxide	2 mg/m ³		2 mg/m ³			
2-Butoxyethanol	20 ppm		25 ppm			

Avoid contact with eyes.

Avoid skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless.
Odour	Sweet
pH	13 - 14
Melting Point/Freezing Point	-10 °C (14 °F) (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	120 °C (248 °F)
Evaporation Rate	Not applicable
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.04 - 1.06
Solubility	Soluble in water
Auto-ignition Temperature	Not applicable
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None.

Chemical Stability

Product is stable.

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Conditions to Avoid

Do not mix with strong acids, alkalis, oxidizing and reducing agent. do not mix with chlorine bleach. hazardous polymerization will not occur.

Hazardous Decomposition Products

May product oxide of carbon and nitrogen when burned.

SECTION 11. TOXICOLOGICAL INFORMATION

Route of entry: Inhalation, ingestion, eye contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium hydroxide		300-500 mg/kg (rat)	1385 mg/kg (rabbit)
2-Butoxyethanol	550 ppm (rat) (4-hour exposure)	745 mg/kg (rat)	1250 mg/kg (rat)

Skin Corrosion/Irritation

May cause skin irritation, defatting, chapping, dermatitis.

Serious Eye Damage/Irritation

Severe irritation and may cause corneal injury.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

If inhaled, may cause irritation of mucous membranes.

Ingestion

May cause burning pain in mouth, esophagus and stomach due to alkaline nature of product.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not determined.

Carcinogenicity

Not determined.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Carcinogenicity: None.

Teratogenicity: Not determined.

Reproductive toxicity: Not determined.

Mutagenicity: Not determined.

Synergistic products : Not determined.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Butoxyethanol	1474 mg/L (96-hour)			911 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butoxyethanol		1800 mg/L (Daphnia magna (water flea))		

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Persistence and Degradability

Not determined.

Bioaccumulative Potential

Not determined.

Mobility in Soil

Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Waste treatment methods:

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3266	Corrosive Liquid (Sodium hydroxide)	8	III
IATA (Air)	3266	Corrosive Liquid (Sodium hydroxide)	8	III
US DOT	3266	Corrosive Liquid (Sodium hydroxide)	8	III

Special Precautions Not applicable**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard.

Criteria of the CPR and the MSDS contain all the information.

Required by the CPR.

CEPA - National Pollutant Release Inventory (NPRI)

WHMIS Classification: D1B, E

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.

SECTION 16. OTHER INFORMATION**SDS Prepared By** technical service**Date of Preparation** December 28, 2017

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Key to Abbreviations OSHA = US Occupational Safety and Health Administration
NTP = National Toxicology Program
NIOSH = National Institute for Occupational Safety and Health

References Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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