

1- IDENTIFICATION

Product name: **TURBULENCE**
Description: FRESH SCENT - LIQUID LAUNDRY DETERGENT - HIGH EFFICIENCY
Restrictions on use: For industrial use only.
Supplier/Manufacturer: MAUNCO CLEANING AND SUPPLIES WAREHOUSE
270 Adams street, Belleville, Ontario, K8N 5S4
Telephone: 613 962-0437 www.maunco.com

2- HAZARDS IDENTIFICATION

Product Classification under WHMIS 2015-GHS

This product is not classified as dangerous according to GHS criteria.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

Name	CAS Number	% weight
Alcohols, C12-C15 ethoxylated	68131-39-5	1-5
Triethanolamine	102-71-6	1-5

4- FIRST AID MEASURES

Eye contact: Quickly rinse the eyes using a large amount of water for at least 15 minutes. See a doctor.
Skin contact: Remove contaminated clothing. Rinse skin with water until the chemical is removed.
Inhalation:
Ingestion: If swallowed, rinse mouth. Drink a glass of water. Do not induce vomiting and consult a doctor immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product: Not flammable
Extinguishing media: Use any extinguishing media appropriate to surrounding.

6- ACCIDENTAL RELEASE MEASURES

Personal protection: Respiratory protection with full face mask. Rubber gloves with long sleeve. Rubber boots. Tight tracksuits
Environmental precautions: Avoid dispersal from entering sewers, waterways or low areas.
Methods for cleaning: Small spill: Mop up or absorb liquid with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water.
Large spill: Ventilate the premises. Absorb with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water.

7- HANDLING AND STORAGE

Handling: Handle away from incompatible materials. Avoid contact with the eyes.
Incompatibility with: None known
Storage: In a cool, dry place. Between 5°C and 35 ° C. Keep out of freezing.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure value:

Name	TLV
Alcohols, C12-C15 ethoxylated	not available
Triethanolamine	5mg/m3

Engineering measures: Eyewash and emergency showers near the working place of decanting.

Personal protection

Respiratory: None generally required if ventilation is normal and proper.
Eye: Visor or safety goggles.
Hands: Rubber gloves suggested
Clothing: None generally required
General: Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
Odour: Fresh scent
Odor threshold: not available
pH: 9.9

Freezing point / melting point: not available
Boiling point: not available
Flash point: not available
Evaporating rate: not available (ether=1)
Flammability: not flammable
Flammable limits: not available
Vapor pressure: not available (mm Hg)
Vapor density: not available (air=1)
Specific gravity: 1.056 (water=1)
Solubility in water: Miscible in cold water as with hot water.
N-octanol / water partition coefficient: not available
Auto ignition temperature: not available
Decomposition temperature: not available
Viscosity: not available

10- STABILITY AND REACTIVITY

Chemical stability:	The product is stable under normal condition.
Hazardous reactions:	Refer to Section 7 incompatible materials
Decomposition products:	No data
Incompatibility with:	Refer to Section 7 incompatible materials

11- TOXICOLOGICAL INFORMATION

Acute toxicity

Datas: There are no data for the product, only for the ingredients

Name	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Alcohols, C12-C15 ethoxylated	2000mg/kg	not available
Triethanolamine	9.11g/kg	not available

Chronic health effects**Health effects**

Sensitizer to skin:	No data available
Carcinogenicity	No data available
Teratogenicity	No data available
Reproductive effects:	No data available
Synergistic product:	No data available

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): No data

Biodegradability: No data

Other adverse effects: No data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations. The empty container may retain product residues, do not reuse the container. Empty packaging can be recycled.

14- TRANSPORT INFORMATION

TGD classification: Not regulated
 Additionnal information: none

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): D2B Eye irritant



The product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations (CPR).

Révisé: 2018-02-14

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products
3. RPD-SOR-2015-17
4. Technical Guidance on the Requirements of the Hazardous Products Act and the Hazardous Products Regulations - WHMIS 2015 Supplier Requirements

Notice to reader

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards as described herein, we cannot guarantee that these are the only hazards that exist.

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