SAFETY DATA SHEET

CLEANBAY MULTI-SURFACE CLEANER

1. Identification

Product identifier:	Cleanbay multi-surface cleaner
Other means of identification:	Nettoyant multi-surface Cleanbay
Recommended use:	Concentrated detergent for hard surfaces
Restrictions on use:	Different uses than recommended. Do not use in combination with other products.
Initial supplier identifier:	Cleanbay Inc. 5455 Avenue De Gaspé, Suite 710 Montreal – Quebec – Canada – H2T 3B3 1 (866) 430-5858
Emergency telephone number (hours of operation):	1 (866) 430-5858 (Monday to Friday 08:00 to 17:00)

2. Hazard Identification

GHS Classification:

FLAMMABLELIQUID – Category 4
SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2A
SKIN CORROSION / IRRITATION – Category 2

GHS information elements

Hazard pictogram(s):

Signal word: Warning

Hazard statements:

H227 – Combustible liquid
H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary statements

Prevention:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 – Wash skin thoroughly after handling.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 – IF ON SKIN: Wash with plenty of water.
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 + P364 – Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.

Disposal:	P501 – Dispose of contents and container in accordance with local regulations.
Other known hazards:	None known.

3. Composition/Information on ingredients

Substance or mixture: Mixture

Ingredient	CAS number	Concentration
2-(2-Butoxyethoxy)Ethanol	112-34-5	30.0 – 60.0 %
1-Butoxy-2-Propanol	5131-66-8	30.0 – 60.0 %
Triethanolamine	102-71-6	0.1 – 1.0 %

Concentration declared in a range as the actual concentration is withheld as a trade secret.

Within the current knowledge of the supplier and in the applicable concentration, no additional ingredient present is classified as hazardous to health or the environment and therefore do not require identification in this section.

4. First-aid measures

Description of necessary first-aid measures

Inhalation:	Remove the patient to open air, far from the contaminated premises. Seek medical advice if necessary.
Ingestion:	Do NOT under any circumstances induce vomiting. Seek medical advice immediately.
Skin contact:	Take off all contaminated clothing. Wash the contaminated areas with soap and plenty of water. Seek medical advice if irritation develops.
Eye contact:	Immediately rinse eyes with plenty of water with the eyelids open for at least 15 minutes. Seek medical advice immediately.

Most important symptoms and effects, whether acute or delayed

Inhalation:	May irritate the throat and lungs.
Ingestion:	May irritate the mucous membranes of the mouth, throat and esophagus.
Skin contact:	Contact causes skin irritation.
Eye contact:	Contact can irritate eyes.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.

5. Fire-fighting measures

Suitable extinguishing media:	The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.
Unsuitable extinguishing media:	None in particular.

Specific hazards arising from the hazardous product:	In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.
Hazardous combustion products:	In the event of a fire, heavy smoke will be produced.
Special protective equipment and precautions for fire-fighters:	Keep personnel removed and upwind from fire. Wear NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode and full protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Restrict access to area until completion of cleanup. Avoid breathing vapor or mist. Provide adequate ventilation.
For emergency responders:	Wear adequate personal protective equipment.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Retain contaminated washing water and dispose it. In the event of contact with soil, waterways, drains and sewers, inform the responsible authorities.

Methods and materials for containment and cleaning up

Spill:	Wash with plenty of water, retain the product in contaminated tanks. Suitable material for cleaning up: absorbing material, organic and sand.

7. Handling and storage

Precautions for safe handling:	Avoid contact with skin and eyes. Avoid breathing vapor or mist. Don't use empty container before they have been cleaned. Before transferring to a new container, ensure that no residual incompatible material is in the container.
Advice on general hygiene:	Eating, drinking and smoking in working areas should be prohibited. Wash hands with soap and water before meals and at the end of the work shift. Remove contaminated clothing and protective equipment before entering eating areas.
Conditions for safe storage, including any incompatibilities:	Store in a cool and well ventilated place, away from sunlight and heat sources. Do not store in open or unlabeled containers. Keep away from food, drink and feed.

8. Exposure controls/Personal protection

Control parameters:

Ingredient	CAS Number	Value	Control Parameters	Basis
Triethanolamine	102-71-6	TWAEV	5 mg/m^3	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants. S: SENSITIZER: The designation "S" in the Designation and remarks column refers to a repeated exposure to a substance causing a sensitization, e.g. an organism reaction, in the form of an allergic response (immunologic) of the respiratory tree, the mucous, the conjunctivas or the skin.

Appropriate engineering controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Individual protection measures:	
Hand protection:	Wear appropriate protective gloves: PVC, neoprene or rubber.
Eye protection:	Wear chemical safety goggles.
Respiratory protection:	None required if handled in closed ventilation system. Where required (leak, spill, open handling of liquid), use NIOSH approved chemical cartridge respirator.
Skin and body protection:	Use clothing that provides comprehensive protection of the skin: cotton, rubber, PVC or viton.

9. Physical and chemical properties

Appearance

Physical state:	Liquid
Colour:	Blue
Odour:	Apple vinegar
Odour threshold:	Evident
pH:	9.0 – 10.0
Melting point:	Not available
Freezing point:	Not available
Initial boiling point and boiling range:	≥ 100°C (212°F)
Flash point:	> 60°C (140°F).
Evaporation rate:	Not available
Lower flammability limits:	Not available
Upper flammability limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	0.932 g/mL
Solubility:	Not available
Partition coefficient n-octanol/water:	< 1000
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	< 10 cP

10.Stability and reactivity

Reactivity:	No specific test data related to reactivity available for this product.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of use and storage, hazardous reactions will not occur.

Conditions to avoid:	Avoid direct sunlight and exposure to heat sources. Different uses than recommended. Do not use in combination with other products
Incompatible materials:	None known
Hazardous decomposition products:	Under normal conditions of use and storage, hazardous decomposition products should not be produced.

11.Toxicological information

Acute toxicity:

2-(2-Butoxyethoxy)Ethanol
LD_{50} Oral (mouse) = 2410 mg/kg
LD_{50} Dermal (rabbit) = 2764 mg/kg
LC_{50} Inhalation vapour (rat) 2 hours > 29ppm

Triethanolamine
LD_{50} Oral (rat) = 6400 mg/kg
LD_{50} Dermal (rabbit) > 2000 mg/kg
LC_{50} Inhalation (rat) 8 hours = 1.8 mg/m^3

1-Butoxy-2-Propanol
LD_{50} Oral (rat) = 3300 mg/kg
LD_{50} Dermal (rat) > 2000 mg/kg
LC_{50} Inhalation (rat) 4 hours > 3.5 mg/L

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	May irritate the throat and lungs.
Ingestion:	May irritate the mucous membranes of the mouth, throat and esophagus.
Skin contact:	Contact can cause redness and irritation.
Eye contact:	Contact can irritate eyes.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure:
No known significant effects or critical hazards.

12.Ecological information

Ecotoxicity

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13.Disposal considerations

Disposal methods:	Reuse, when possible. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Contaminated packaging:	Contaminated packaging must be recovered or disposed of in compliance with Federal and Provincial waste management regulations.

14.Transport information

This product is not dangerous under current provisions of the Transportation of Dangerous Goods (TDG), of the U.S. Department of Transportation (DOT), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

15.Regulatory information

This Safety Data Sheet is compliant with the Hazardous Products Regulations (HPR)

16.Other information

SDS information

Version:	1
Date (dd/mm/yyyy):	31/05/2021
Prepared by:	CFT Canada

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.