

SECTION I - IDENTITY

CLEANSTAT EASY CLEAN FLOOR CLEANER

Botron Company Incorporated
325 West Melinda Lane
Phoenix, AZ 85027

Telephone Number for Information - (623) 582-6700

Emergency Phone Number - Local Poison Center

Date Prepared – March 16, 2015

Prepared By – David Sadlo

SECTION II – INGREDIENT

INGREDIENT	CAS#	RANGE BY WEIGHT (%)
2-(2-methoxyethoxy)ethanol	111-77-3	4 - 6
Lithium Chloride	7447-41-8	1 - 3
Isopropanol	67-63-0	1 - 3

SECTION III – HEALTH HAZARD DATA

Emergency Overview – May cause minor irritation to eyes and/or skin.

Exposure Routes – Skin contact, eye contact, ingestion

Eye Contact – May cause minor irritation.

Skin Contact – May cause mild skin irritation. Symptoms may include redness and itching sensation of the skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion – May cause minor irritation to mouth, throat and stomach.

Inhalation – May cause minor irritation of the nose and throat.

SECTION IV – FIRST AID MEASURES

Eyes – If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation of eyes develops.

Skin – If the material gets on the skin wash affected area with soap and water and remove contaminated clothing. Seek medical attention if rash or irritation develops.

Ingestion – Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Inhalation – Move to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

SECTION V – FIRE FIGHTING MEASURES

Suitable extinguishing media – Carbon Dioxide, foam, dry chemical, water spray.

Hazardous combustion products – Carbon oxides.

Fire/Explosion Hazard – None known.

Precautions for firefighting – Wear full firefighting gear and use respiratory protection (SCBA). Avoid light metals and its alloys, galvanized material.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Small Spills – Absorb with inert material. Small amounts of material can be flushed, material is biodegradable.

Large Spills – Dike and collect material into chemical waste container for proper disposal.

Environmental Precautions – Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required for proper disposal.

SECTION VII – HANDLING AND STORAGE

Handling - As with all chemical products, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking.

Storage – Store in cool dry area away from heat, open flame, or sparks. Do not mix with other chemicals.

KEEP OUT OF REACH OF CHILDREN

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

General advice – The recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure Controls – Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain airborne levels.

Eye Protection – Splash goggles.

Skin Protection – Chemical resistant gloves.

SECTION IX – PHYSICAL PROPERTIES

Color	Green
Odor	Mild, Detergent
Boiling Point	212°F
Melting Point	Not Applicable

Decomposition Temperature	Not Applicable
Auto Ignition Temperature	Not Applicable
pH	10.5 – 11.5
Vapor Pressure (mm Hg)	20
Vapor Density (air=1)	1.00
Specific Gravity (water =1)	0.98 – 1.02
Evaporation Rate (Butyl acetate=1)	0.30
Solubility in Water	Complete

SECTION X – STABILITY AND REACTIVITY

Stability – This product is stable

Conditions to Avoid – Heat, open flames and other ignition sources.

Incompatible Products – Avoid contact with strong acids or strong oxidizing agents.

Hazardous Decomposition – Thermal decomposition on burning may produce toxic gasses.

Hazardous Reactions – Product will not undergo hazardous polymerization.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity

Lithium Chloride

Oral, mouse: LD50 = 1165 mg/kg;

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Oral, rabbit: LD50 = 800 mg/kg;

Oral, rabbit: LD50 = 775 mg/kg;

Oral, rat: LD50 = 526 mg/kg;

Oral, rat: LD50 = 1530 mg/kg;

Skin, rabbit: LD50 = 1629 mg/kg;

Skin, rat: LD50 = 1488 mg/kg;

2-(2-methoxyethoxy)ethanol

Oral LD 50 Rat = 7128 mg/kg

Oral LD 50 Mouse = 7128 mg/kg

Dermal LD50 Rabbit = 9404 mg/kg

Inhalation = No data available

Isopropanol

Oral LD 50 Rat = 4700 - 5800 mg/kg

Dermal LD50 Rabbit = 5030 - 7900 mg/kg

Inhalation LC50 Rat = 16000 ppm, 4h

Chronic Toxicity

No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen or potential carcinogen by NTP, OSHA and or IARC.

Reproductive Toxicity
No data available.

Target Organs
Primarily eyes and skin

SECTION XII – Ecological Information

Aquatic Toxicity:

2-(2-methoxyethoxy)ethanol
Acute LC50 > 5000 mg/L Goldfish 24h
Acute LC50 = 7500 mg/L Bluegill Sunfish 96h

Isopropanol
Acute LC50 = 5770 – 7450 mg/L Fathead minnow (*Pimephales promelas*) 96h static
Acute LC50 = 10000 mg/L Water flea (*Daphnia magna*) 24h static

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Methods – Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your local State Water Board or Regional Office of the EPA.

SECTION XIV – TRANSPORTATION INFORMATION

Unit Containers – 55 Gallon Plastic, 30 Gallon Plastic, 5 Gallon Plastic, 1 Gallon Plastic, 1 Quart Plastic

Reportable Quantity – Not Applicable

TDG – Not Regulated
DOT – Not Regulated
IATA – Not Regulated
IMDG/IMO – Not Regulated

SECTION XV – REGULATORY INFORMATION

TSCA Inventory Status: All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.

US Federal Regulations:

Section 313 of Title III of the Superfund Amendments and Reauthorization ACT of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Component	CAS#	Weight (%)	SARA 313 Status
Isopropanol	67-63-0	1 -3	Listed
2-(2-methoxyethoxy)ethanol	111-77-3	4 – 6	Listed

SARA 311/312 Hazardous Categorization

No products were found.

TSCA 12(b) – Export Notification:

This material does not contain any components that are subject to the US Toxic Substances Control act (TSCA) section 12(b) Export Notification requirements.

Clean Air Act, Section 12 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any reportable HAPs.

Chemical Weapons Convention (CWC):

This product does not contain any listed substances.

California Prop. 65 – This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm at levels which require reporting under the state statute.

SECTION XVI – OTHER INFORMATION

The information herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results. Also this shall not establish a legally valid contractual relationship.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in use of the material.

Our products are intended for sale to industrial and commercial customers. We encourage customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications.

Warranty - The manufacturer warrants that products sold comply with specifications as represented and will perform satisfactorily if used according to the directions, or the manufacturer will refund or replace any unused portion thereof, for a period of one year from the date of manufacture. The manufacturer does not make any other warranty, or assume responsibility of any kind, expressed or implied regarding the effect or result of the products use; and assumes no responsibility of injury to vendee or third parties proximately caused by the material if reasonable safety procedures are not adhered to.