

# SAFETY DATA SHEET

Date Issued : 06/23/2021

SDS No : A & M Industrial\_Blue Chip G10 Industrial Cleaner & Degreaser

## Blue Chip G10 Industrial Cleaner & Degreaser

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Blue Chip G10 Industrial Cleaner & Degreaser

**GENERAL USE:** Cleaner/Degreaser

**PRODUCT DESCRIPTION:** Heavy Duty Cleaner Degreaser

**CHEMICAL FAMILY:** Solvent/detergent blend

#### DISTRIBUTOR

A & M Industrial

37 West Cherry Street

Rahway, NJ 07065

**Emergency Phone:** 1-800-864-2660

**Web:** www.am-ind.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2A

Skin Irritation, Category 3

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H316: Causes mild skin irritation.

H303: May be harmful if swallowed.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P233: Keep container tightly closed.

P102: Keep out of reach of children.

P273: Avoid release to the environment.

##### Response:

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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Green liquid

**IMMEDIATE CONCERNS:** Eye & Skin irritant

#### POTENTIAL HEALTH EFFECTS

**EYES:** Irritating, and may injure eye tissue if not removed promptly.

**SKIN:** Skin irritant with prolonged or repeated contact.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

**INHALATION:** Mist is irritating to nose, throat and lungs.

#### REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** Not Established

**MUTAGENICITY:** None known.

**MEDICAL CONDITIONS AGGRAVATED:** Previous skin conditions such as dermatitis may be aggravated.

**ROUTES OF ENTRY:** Breathing of mist or vapors. Ingestion.

**CANCER STATEMENT:** None

**WARNING CAUTION LABELS:** Irritant

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Butoxyethanol	0 - 5	111-76-2
Nonoxynol	0 - 5	127087-87-0
Fatty acids, tall-oil, sodium salts	0 - 5	61790-45-2
Sodium Dodecylbenzenesulfonate	0 - 5	25155-30-0
Sodium Tripolyphosphate	0 - 5	7758-29-4
Dye	< 0.1	TS
Fragrance	< 0.5	TS
Water	80 - 85	7732-18-5

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advice if irritation persists.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning sensation with tearing, redness.

**SKIN:** Prolonged contact will cause irritation marked by redness, burning sensation.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE EFFECTS:** Not Established

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** Not required. Water based material.

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

**FIRE FIGHTING EQUIPMENT:** No special requirements.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**LAND SPILL:** Avoid discharge to soil.

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Wear eye protection, rubber gloves when handling concentrate.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**ENGINEERING CONTROLS:** Provide mechanical ventilation when used in confined areas, or areas with poor ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles and full face-shield.

**SKIN:** Rubber or other chemical resistant gloves. Rubber boots or used on floors.

**PROTECTIVE CLOTHING:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Sassafras

**ODOR THRESHOLD:** Not Established

**COLOR:** Green

**pH:** 12.0 to 13.0

**PERCENT VOLATILE:** 85+

**FLASH POINT AND METHOD:** >100C (212F)

**LOWER EXPLOSION LIMIT:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** ≤ 20 mm Hg at 20°C (68°F)

**VAPOR DENSITY:** ≤ 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**MELTING POINT:** Not Available

**DECOMPOSITION TEMPERATURE:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.75 at 20°C (68°F)

**SPECIFIC GRAVITY:** 1.048 grams/ml. at 20°C (68°F)

**VISCOSITY:** Water thin.

**(VOC):** 2.93 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Not Established

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Butoxyethanol	1300 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 3.1 mg/l
Nonoxynol	960 to 3980 mg/kg (rat)	4490 mg/kg (rabbit)	
Sodium Dodecylbenzenesulfonate	438 mg/kg (rat)		

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** Not Established

**SERIOUS EYE DAMAGE/IRRITATION:** Irritant

**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status	OSHA Status
Butoxyethanol	No listed substance	Group 3 - Not classifiable as to its carcinogenicity to Humans	No listed substance

**IARC:**

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of 2-butoxyethanol in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

**STOT-SINGLE EXPOSURE:** Not Established

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** Not Established

**BIOACCUMULATION/ACCUMULATION:** Not Established

**ENVIRONMENTAL DATA:** Not Established

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

## 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HEALTH HAZARDS:** Health - Acute

**313 REPORTABLE INGREDIENTS:** 2-butoxyethanol 111-76-2 (Category: N230 Certain Glycol Ethers)

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS	Comments
Butoxyethanol	0 - 5	111-76-2	
Nonoxynol	0 - 5	127087-87-0	N535 Nonylphenol Ethoxylates

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

Chemical Name	Wt.%	CERCLA RQ
Sodium Dodecylbenzenesulfonate	0 - 5	1000 lbs.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Butoxyethanol	Massachusetts Right to Know Substance Pennsylvania Right to Know Substance New Jersey Right To Know Substance
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Sodium Dodecylbenzenesulfonate	New Jersey Right To Know Substance Pennsylvania Right to Know Substance New York Right to Know Substance

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:**

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of 2-butoxyethanol in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

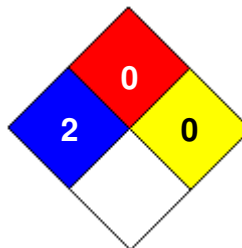
**16. OTHER INFORMATION**

**Date Prepared:** 06/23/2021

**HMIS RATING**

HEALTH		2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

**NFPA CODES**



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