

TITAN INDUSTRIAL CHEMICALS, LLC.
MATERIAL SAFETY DATA SHEET Page 1

PRODUCT NAME: GREEN N MEAN 2/9/10

FORMULA: Na H SO4

CHEM. FAMILY: inorganic salts

SUPPLIERS NAME: TITAN INDUSTRIAL CHEMICALS, LLC.

P.O BOX 635

GROVER, MO. 63040-0635

SUPPLIERS PHONE NUMBER: 877-273-9030

TRANSPORTATION EMERGENCY PHONE NUMBER: 1-877-273-9030

S.A.R.A. INFORMATION

HAZARDS: Acute

PHYSICAL DATA: Pure Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient	MAX	EPCRA	AIR CONTAMINENT LEVELS
Cas Number	%	APPLIES	TWA/TLV STEL CEIL SKIN AGENT
W/W	312	313	(ppm) (ppm) (ppm)
Sodium Bisulfate	94.5	Y	N PARTICULATES NOT OTHERWISE REGULATED
Monosodium Sulfate			Total TWA 15 mg/m3 OSHA
(CAS # 7681-38-1)			Total TLV 10 mg/m3 ACGIH
			Respirable TWA 5 mg/m3 OSHA
Sodium Sulfate	5.0	Y	N PARTICULATES NOT OTHERWISE REGULATED
Disodium Sulfate			Total TWA 15 mg/m3 OSHA

(CAS # 7757-82-6)				Total TLV 10 mg/m3 ACGIH
			Respirable TWA 5 mg/m3 OSHA	

SECTION II HEALTH HAZARDS

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PRODUCT NAME: GREEN N MEAN

SECTION II HEALTH HAZARDS (CONTINUED)

POTENTIAL EFFECTS OF EXPOSURE

EYES

Eye contact with product may cause irritation, burns.

SKIN

Skin contact may cause irritation, burns.

INHALATION

Inhalation may cause irritation, burning sensation.

INGESTION

Ingestion may cause irritation, pain, nausea, vomiting, diarrhea, burns.

TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,

DISORDERS OF, OR ADVERSELY AFFECT THE FOLLOWING SYSTEMS, FUNCTIONS, ORGANS: none currently known

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

FIRST AID INGESTION

DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately.

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PRODUCT NAME: GREEN N MEAN

ROUTES OF ENTRY

Skin, contact, inhalation

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE

Skin, respiratory system

SECTION III SPECIAL PROTECTION

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

SECTION III SPECIAL PROTECTION

(CONTINUED)

Safety glasses with side shield goggles. Always wear eye protection when working with chemicals. Do Not wear contact lenses when working with chemicals.

PROTECTIVE EQUIPMENT

SKIN: Clean, protective clothing, impervious gloves, rubber apron

INHALATION: If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements. Local mechanical ventilation may be required.

ADDITIONAL PROTECTIVE MEASURES

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD) : > OR = N/A

Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HMIS Info

Health : 1

Fire :0

React : 1

Special : X

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EXTINGUISHING MEDIA

Water spray, dry chemical. Media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS

Toxic fumes may be released.

SECTION V PHYSICAL DATA

Boiling Point: N/D

Freezing Point: 350 deg. F

Specific Gravity (H₂O=1): N/D

Vapor Pressure (MM HG.): N/D

Vapor Density (AIR=1): N/D

Evaporation Rate (NA =1): N/D

Solubility in Water: SOLUBLE

Percent Volatile by Volume: N/D

pH: aqueous approx. > OR = 2.000

Appearance: SOLID, POWDER, CRYSTAL, FLAKE, GRANULE
TABLET, PRILL, BRIQUETTE, ETC.

Odor: NIL

SECTION VI REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY

Inorganic bases, water. Product can form corrosive compounds in the presence of water.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, oxides of sulfur.

HAZARDOUS POLYMERIZATION

Will not occur.

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SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Evacuate non essential personnel, eliminate ignition sources, and wear protective equipment (See Section III). Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If

product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem, neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.

SECTION VII SPILL AND LEAK PROCEDURES

DISPOSAL METHOD

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name: UNCLASSIFIED

Label Requirements: NONE

Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do Not breathe dust. Do Not get in eyes, on skin, or clothing. Avoid prolonged or repeated contact with skin. Do not swallow.

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PRODUCT NAME: GREEN N MEAN

MSDS Sheet

Green 'N Mean

HANDLING

Keep away from acids. For industrial use only. ATTENTION: This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE

Keep container closed when not in use. Store in a cool dry place.

Keep out of reach of children.

< = LESS THAN N/A = NOT APPLICABLE UNK = UNKNOWN

> = MORE THAN N/D = NOT DETERMINED

N/E = NOT ESTABLISHED

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You should satisfy yourself that you have all current data relevant to your particular use.

TITAN INDUSTRIAL CHEMICAL, LLC. knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.