

Trailbrite

MSDS Number: 108

Revision Date: 10/30/2014

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Cajun Kleen Products
101 Royal Street
West Monroe, LA 71291

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Product Name: Trailbrite
Revision Date: 10/30/2014
Version: 3
MSDS Number: 108
Product Code: TB
Product Use: Aluminum Cleaner and Brightner

Emergency Contact: CHEMTEL 1(800) 255-3924

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Inhalation; Skin;

Inhalation: Can cause irritation, burning, and inflammation of the respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, drowsiness and death.

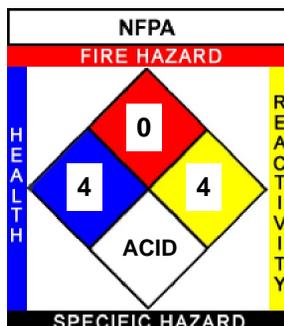
Skin Contact: Causes irritation and/or corrosive burns. Brief exposures may cause irritation and defatting of the skin

Eye Contact: Will cause irritation and/or corrosive burns. May cause permanent eye damage. May cause lose of vision.

Ingestion: Burning of mouth and throat. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death

NFPA:
HMIS III:

Health = 4, Fire = 0, Reactivity = 4
H*4/F0/PH



HMIS III	
HEALTH	4
FLAMMABILITY	0
PHYSICAL HAZARDS	
PERSONAL PROTECTION B Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX													
A	Goggles	G	Goggles + Gloves + Respirator										
B	Goggles + Gloves	H	Goggles + Gloves + Apron + Respirator										
C	Goggles + Gloves + Apron	I	Goggles + Gloves + Respirator										
D	Goggles + Gloves + Apron + Respirator	J	Goggles + Gloves + Apron + Respirator										
E	Goggles + Gloves + Respirator	K	Goggles + Gloves + Apron + Boots										
F	Goggles + Gloves + Apron + Respirator	X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A	Safety Glasses	n	Splash Goggles	O	Face Shield & Eye Protection	p	Gloves	q	Boots	r	Synthetic Apron	S	Full Suit
t	Dust Respirator	U	Vapor Respirator	w	Dust & Vapor Respirator	Y	Full Face Respirator	Z	Airline Hood (or Mask)	Additional Information			

Trailbrite

MSDS Number: 108

Revision Date: 10/30/2014

Page 2 of 5

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P264 - Wash hands thoroughly after handling.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
7664-39-3	0-15%	Hydrofluoric acid
7664-93-9	0-15%	Sulfuric acid
111-76-2	0-15%	Butyl cellusolve

4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. Give oxygen or artificial respiration if needed. Get immediate medical attention.
- Skin Contact:** Remove contaminated clothing immediately. Wash with soap and water for at least 15-20 minutes. If irritation/burn develops, seek medical attention.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Get immediate medical attention.
- Ingestion:** Do NOT induce vomiting or attempt chemical neutralization. Drink large quantities of water. Seek immediate medical attention

As with any chemical, employees should thoroughly wash hands with soap and water after handling material.

NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage. Exposed patients must be treated symptomatically.

5 FIRE FIGHTING MEASURES

Flash Point: NONE

Special Fire Fighting Procedures: Prevent human exposure to fire, smoke, fumes or products of combustion. Evaluate non-essential personnel from fire area. All ignition sources should be extinguished. Fire fighters should wear appropriate PPE, including self-contained breathing apparatus and impervious clothing. Keep containers cooled with water spray to prevent rupture from excess heat. Thermal decomposition of this product may generate oxides of carbon

6 ACCIDENTAL RELEASE MEASURES

Watch out for slippery conditions when spillage.

Pick up excess with inert absorbant material and place into separate waste container.

Trailbrite

MSDS Number: 108

Revision Date: 10/30/2014

Page 3 of 5

Keep away from drains and ground water.
Flush area with water.

Use personal protection recommended in section 8.

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

7 HANDLING AND STORAGE

Handling Precautions:

Store in cool area. Keep material out of reach of children. Keep away from sources of ignition. Use approved containers only.

Wash clothing before reuse and decontaminate or discard contaminated shoes. Wash thoroughly after handling. Avoid contact with eyes, skin, or clothing.

Protect entire body from contact. Protective clothing (pant, long sleeves) eyewash, safety shower are always adviseable when working with chemicals. Discard contaminated clothing.

Storage Requirements:

Store in cool/dry area. Store away from food or feed. Protect container and its fittings from physical damage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equip:

HMIS PP, B | Safety Glasses, Gloves
HMIS PP, X | Consult your supervisor for special instructions

Respiratory Protection: Niosh approved.

Protective Gloves: Nitrile, neporene rubber or latex

Eye Protection: Safety glasses with side shields or goggles

Ventilation: Local

Other PPE: Eyewash and emergency shower should be located in the working area

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear
Physical State: Liquid
Spec Grav./Density: 1.02
pH: 2.76

Odor: Pungent
Solubility: Soluble in water

10 STABILITY AND REACTIVITY

Stability:

Avoid Extreme Heat Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products.
Product is stable under normal conditions.

Conditions to Avoid:

Avoid Extreme Heat

Materials to Avoid:

None Known

Hazardous Polymerization:

Will not occur.

Trailbrite

MSDS Number: 108

Revision Date: 10/30/2014

Page 4 of 5

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: Not Known.
Skin Effects: Not Known.
Accute Inhalation Effects: Not Known.
Chronic Effects: Not Known.
Carcinogenicity: Not Known.
Mutagenicity: Not Known.
Teratogenicity: Not Known.

Accute Oral Effects:

May cause stomach irritation when orally administered to laboratory animals at doses of 800 mg/kg. Care should be taken not to ingest in large quantities.

This product has not been evaluated. Can be expected to be a skin and eye irritant.

12 ECOLOGICAL INFORMATION

The ecological toxicity of this product is not known

13 DISPOSAL CONSIDERATIONS

Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water. Dispose of in accordance with local regulations. Suitable waste-disposal site approved by local authorities.

Empty containers should be rinsed and offered for recycling, reconditioning, or disposal in a landfill or for small containers (1 Gall or less), may be wrapped and discarded in trash. Waster generators are required to evaluate all material to determine if it is hazardous by characteristics or listing for compliance with RCRA and any local regulations

14 TRANSPORT INFORMATION

DOT Class: Corrosive (8) #8

UN #: UN 2922, Class: 8, II, Proper Shipping Name: Corrosive liquids, toxic, n.o.s.

NOTE: during incident involving this material, use of DOT emergency response guide NO. 154 is also recommended.

Trailbrite

MSDS Number: 108

Revision Date: 10/30/2014

Page 5 of 5

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Hydrofluoric acid (7664393 0-15%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*Sulfuric acid (7664939 0-15%) CERCLA, CSWHS, EHS302, EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Butyl cellusolve (111762 0-15%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

16

OTHER INFORMATION

Author: JNM

This information is given in good faith and based on our current knowledge of the product. No garranty of accuracy is made. Purchasers should make their own test to determine the suitability of such products for their particular purpose.