

Formula 101 Cleaner and Degreaser

SDS Number: 380

Revision Date: 2/8/2016

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

James Austin Company
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Product Name: Formula 101 Cleaner and Degreaser
Revision Date: 2/8/2016
Version: 1
SDS Number: 380
Product Code: 54200-00127
RCRA Number: D002
Synonyms: Purple Degreaser, Multi-purpose Cleaner
Internal ID: 90001271

Emergency phone number: CHEMTREC
US: 1-800-424-9300 **Canada:** 1-800-567-7455
Poison Control Center: 1-800-222-1222

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HAZARDS IDENTIFICATION

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Health, Acute toxicity, 5 Oral
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 2

GHS Phrases:
H303 - May be harmful if swallowed
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H315 - Causes skin irritation

GHS Precautionary Statements:
P102 - Keep out of reach of children.

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- P103 - Read label before use.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 - Keep container tightly closed.
- P270 - Do not eat, drink or smoke when using this product.
- 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.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P370+378 - In case of fire: Use dry chemical, carbon dioxide, water spray or alcohol foam for extinction.
- P401 - Store upright and keep cap secure. Avoid heat, sparks and flames.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
111-76-2	1.00-5.00%	2-Butoxyethanol
6834-92-0	1.00-4.00%	Silicic acid (H ₂ SiO ₃), disodium salt
68439-46-3	1.00-4.00%	Alcohols, C9-11, ethoxylated
64-02-8	1.00-4.00%	Chelating Agent
1310-73-2	0.50-2.00%	Sodium hydroxide
1300-72-7	0.10-0.50%	Benzenesulfonic acid, dimethyl-, sodium salt
7732-18-5	80.50-95.40%	Water

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FIRST AID MEASURES

- Inhalation:** In the event of exposure to excessive vapor levels, move the individual to fresh air and seek medical attention if symptoms develop or persist.
- Skin Contact:** Remove contaminated clothing and wash contaminated skin with large amounts of soap and water. If irritation persists, seek medical attention. Launder clothing before reuse.
- Eye Contact:** Rinse immediately with plenty of water. Keep eye(s) wide open while rinsing. Remove contact lenses if present. Avoid rubbing the affected area. Seek medical attention if needed.
- Ingestion:** Do NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water. Call a physician or poison control center.

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FIRE FIGHTING MEASURES

- Flammability:** Not flammable
 - Flash Point:** Not Applicable
- Use alcohol foam, carbon dioxide, water fog or dry chemical to distinguish.

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ACCIDENTAL RELEASE MEASURES

- Small spill:** Flush to sanitary sewer. Mop residue and rinse thoroughly with water.
- Large spill:** Contain run-off with absorbant materials such as sand, clay or diking. Transfer liquid and absorbant material to an approved container. Keep spill out of sewers or any access to bodies of water. If run-off occurs, notify proper authorities as required.



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7 HANDLING AND STORAGE

Handling Precautions: Use personal protective equipment as required/recommended. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Use suitable respiratory equipment in case of inadequate ventilation.

Storage Requirements: Store upright with a tightly closed cap. Keep from freezing.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No special engineering controls.
No special ventilation requirements.

Personal Protective Equip: Goggles; boots; gloves

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, purple; violet	Odor:	Butyl; alcohol
Physical State:	Liquid	Solubility:	Completely soluble
Spec Grav./Density:	1.035-1.045		
pH:	13.00-13.50		

10 STABILITY AND REACTIVITY

Stability: The product is stable and non-reactive under normal conditions of use, storage and transport.

Conditions to Avoid: Heat, sparks and flames. No special precautions beyond standard safe practices.

Materials to Avoid: Strong acids

Hazardous Decomposition: None under normal processing.

Hazardous Polymerization: Will not occur.



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TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD 50): No information available.

Inhalation (LC 50): No information available.

Skin Irritation: Repeated, prolonged or occluded contact may cause skin irritation.

Eye Irritation: May cause eye irritation.

Ingestion: Can cause irritation, nausea, stomach distress, vomiting and diarrhea.

Inhalation: May cause mild irritation of nose, throat and respiratory tract.

Chronic Toxicity: No information available.

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ECOLOGICAL INFORMATION

Considered biodegradable

BOD/COD Value is not established

Ecotoxicity: No data available.

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DISPOSAL CONSIDERATIONS

Product that cannot be used according to instruction on the product label must be disposed of as a hazardous waste at an approved hazardous waste management facility.

Empty containers may be triple rinsed and offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.

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TRANSPORT INFORMATION

DOT: Not regulated. Classified as non-hazardous.



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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*2-Butoxyethanol (111762 1.00-5.00%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

*Silicic acid (H₂SiO₃), disodium salt (6834920 1.00-4.00%) TSCA

*Alcohols, C9-11, ethoxylated (68439463 1.00-4.00%) TSCA

*Chelating Agent (64028 1.00-4.00%) TSCA

*Sodium hydroxide (1310732 0.50-2.00%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

*Benzenesulfonic acid, dimethyl-, sodium salt (1300727 0.10-0.50%) TSCA

*Water (7732185 80.50-95.40%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = 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

NRC = Nationally Recognized Carcinogens

CSWHS = Clean Water Act Hazardous substances

NJEHS = NJ Extraordinarily Hazardous Substances



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OTHER INFORMATION

Author: James Austin Company

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Revision Note: MSDS converted to GHS SDS format

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