



# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Formula 101 Degreaser

PRODUCT CODE 54200-00127

ISSUE DATE September 22, 2010

MANUFACTURER James Austin Company  
STREET ADDRESS 115 Downieville Road  
CITY, STATE, ZIP Mars, PA 16046

### EMERGENCY TELEPHONE NUMBERS

Medical Information: 1-866-359-5662

Transportation: 1-800-424-9300\*

\* For spill, leak, fire or transport accident emergencies.

Product Information: 724-625-1535

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Diethylene glycol butyl ether	112-34-5	4.0	None	None	None
Sodium Hydroxide	1310-73-2	2.3	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling
Alcohol Ethoxylate C9-11	68439-46-3	2.2	None	None	None
EDTA Tetrasodium Salt	13235-36-4	2.0	None	None	None
Sodium Xylene Sulfonate	1300-72-7	1.3	None	None	None
Sodium metasilicate	6834-92-0	0.7	None	None	None

## SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes eye irritation Can cause skin irritation Harmful if swallowed
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POTENTIAL HEALTH EFFECTS	
INGESTION .....	Can cause irritation, nausea, stomach distress, or vomiting
INHALATION .....	Prolonged or repeated inhalation of vapors may cause toxic effects.
EYE CONTACT .....	Causes severe eye irritation.
SKIN CONTACT .....	Prolonged or repeated contact may cause skin irritation.

## SECTION 4 -- FIRST AID MEASURES

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION	If exposed to excessive levels of vapors, remove to fresh air and get medical attention if cough or other symptoms develop.
EYE CONTACT	Immediately flush eye with plenty of cool running water. Remove contact lenses if applicable and continue flushing for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT	Wash with soap and water. If irritation develops or persists, get medical attention.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

## SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None / N.A.	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, alcohol foam, carbon dioxide, dry chemical or water fog.		
SPECIAL FIRE FIGHTING PROCEDURES	None		
FIRE AND EXPLOSION HAZARDS	None		

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent.
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## SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool dry place. Keep from freezing.

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	No special ventilation requirements. Facilities using this product must be equipped with an eyewash station.

### PERSONAL PROTECTIVE EQUIPMENT

	<b>RESPIRATOR</b>	Not necessary under normal use conditions.
X	<b>GOGGLES / FACE SHIELD</b>	Required; goggles should be chemical splash type
	<b>APRON</b>	Not necessary under normal use conditions.
X	<b>GLOVES</b>	Required; PVC, Neoprene or Nitrile acceptable
X	<b>BOOTS</b>	Recommended only where product is used in floor cleaning applications

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear purple liquid	BOILING POINT	~212 deg F
ODOR	Butyl	FREEZING POINT	Not established
pH	13.1 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	1.040	VAPOR DENSITY	Not established
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined

## SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Contact with strong acids produces exothermic reaction					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Not applicable					

## SECTION 11 -- TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z</b>

### OTHER EFFECTS

<b>ACUTE</b>	Not determined
<b>CHRONIC</b>	Not determined

## SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established					
ECOTOXICITY	No data available					

## SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Product that cannot be used according to the label must be disposed of as a hazardous waste at an approved hazardous waste management facility. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.					
RCRA CLASSIFICATION	Hazardous, corrosive D002					
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE
					NO	

## SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not applicable					

## SECTION 15 -- REGULATORY INFORMATION

### REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
X	SARA TITLE III MATERIAL	Diethylene glycol butyl ether (Section 313)
	USDA AUTHORIZED	
X	CANADA WHMIS	Controlled Product, Class E – Corrosive Material

## SECTION 16 -- OTHER INFORMATION

### NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by James Austin Company in connection with the use of this information.