



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Austin Dish Detergent Grade 5 (Crystal Dish Detergent)

ISSUE DATE February 28, 2012

MANUFACTURER James Austin Co
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: 1-724-625-1535

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	NIOSH REL
Dodecylbenzene Sulfonic Acid	27176-87-0	<2.0	None	None	None
Sodium Lauryl Ether Sulfate	9004-82-4	<2.5	None	None	None
Cocamide DEA	68155-07-7	<2.0	None	7.5 gm/kg	None
Lauryl Dimethylamine Oxide	1643-20-5	<0.8	None	None	None
Sodium Hydroxide	01310-73-2	<0.18	2 mg/m3	2 mg/m3	None
EDTA	60-00-4	<0.20	None	None	None

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	May cause eye and skin irritation. May be harmful if swallowed.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause stomach distress, nausea or vomiting.
INHALATION	No hazard in normal use.
EYE CONTACT	Irritating, but will not permanently injure eye tissue.
SKIN CONTACT	Prolonged contact can result in defatting and drying of the skin, which may result in skin irritation or dermatitis (rash).

SECTION 4 -- FIRST AID MEASURES

INGESTION	Swallowing less than an ounce will not cause significant harm. For larger amounts, DO NOT induce vomiting, but give one or two glasses of water to drink and get medical attention.
INHALATION	No specific treatment is necessary, since this material is not likely to be hazardous by inhalation.
EYE CONTACT	Immediately flush eye with cool running water for 15 minutes. If irritation persists, get medical attention.
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	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, foam, carbon dioxide or dry chemical. Water may cause frothing.		
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	Keep container in upright position.
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.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR	Not necessary
GOGGLES / FACE SHIELD	Not necessary
APRON	Not necessary
GLOVES	Not necessary
BOOTS	Not necessary

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Blue liquid	BOILING POINT	~ 212 deg F
ODOR	Floral, lemon, apple, orange	FREEZING POINT	Not established
pH	6.5-7.5 (100% concentrate)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	1.010 - 1.020	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined
BRIX % SOLIDS	5.0-6.0		

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	No significant limitations					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	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

OTHER EFFECTS

ACUTE	Not determined
CHRONIC	Not determined

SECTION 12 -- ECOLOGICAL INFORMATION

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

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. If solidified, large amounts may be disposed of in a sanitary landfill. Contact state or local authorities for additional restrictions.				
RCRA CLASSIFICATION	Non-hazardous				
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	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

0	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.