

# MATERIAL SAFETY DATA SHEET

## PRODUCT NAME: (FCA) Foaming Coil Cleaner Aerosol

<b>EMERGENCY PHONE: 1-800-424-9300</b>				<b>VII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
May be used to comply with OSHA'S Hazard Communications Standard (HSC) 29 CFR 1910, 1200. Standard must be consulted for specific requirements. This product contains no substances subject to SARA TITLE III and 40 CRF.				<b>HMIS SYMBOLS</b>		<b>STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:</b> <b>SMALL SPILLS:</b> Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources, and open flames far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance to Federal, State, and Local laws. <b>WASTE DISPOSAL METHOD:</b> Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State, and Local authorities for approved procedures.	
				HEALTH	1		
<b>I - IDENTIFICATION</b>				<b>VIII - SPECIAL PROTECTION INFORMATION</b>			
PRODUCT NAME: (FCA) Foaming Coil Cleaner Aerosol		PACKAGE TYPE: Aerosol		<b>RESPIRATORY:</b> None needed for proper use in accordance with label directions			
PREPARED DEPARTMENT OF HAZARDOUS COMMUNICATIONS		DATE PREPARED: June 2003		<b>EYE:</b> None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.			
<b>II - HAZARDOUS INGREDIENTS</b>				<b>SKIN:</b> None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made. <b>PROTECTIVE GLOVES:</b> Neoprene, Nitrile rubber or polyvinyl recommended. <b>OTHER:</b> Do not eat, drink or smoke in work area. Wash hands before eating. <b>VENTILATION REQUIREMENTS:</b> Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV(s).			
PRINCIPLE HAZARDOUS COMPONENT(S) (CHEMICAL NAMES)	CAS NO	ACGIH TLV	OSHA PEL				
Sodium Bicarbonate	144-55-8	N/E	N/E	01 05			
Nonylphenol Ethoxylate	127087-87-0	N/E	N/E	01 05			
Triethanolamine	102-71-6	N/E	N/E	01 05			
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	01 05			
Citrus Terpene	5989-27-5	NE	NE	01 05			
Liquefied Petroleum Gas	68476-85-7	1000 ppm	1000 ppm	5 10			
<b>III - PHYSICAL DATA</b>				<b>IX - SPECIAL PRECAUTIONS</b>			
BOILING POINT ( °F): 212°F		SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 1.02		<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> Do not store at temperatures above 120°F. Store in cool dry place away from open flame or heat.			
VAPOR PRESSURE (mm Hg): 55		MELTING POINT:		<b>SPECIAL PRECAUTIONARY STATEMENTS:</b> Please read and follow the directions on the product label. They are your best guide to using this product in the most effective way, and they give the necessary safety precautions to protect your health. <b>Keep this and all chemicals out of reach of children.</b>			
VAPOR DENSITY (Air = 1) : >1		EVAPORATION RATE (H <sub>2</sub> O = 1) :		<b>NOTICE:</b> We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, expressed or implied, of merchantability fitness or otherwise is made.			
pH: NA		APPEARANCE AND ODOR: White Foam with Citrus Odor					
SOLUBILITY IN WATER: Complete							
<b>IV - FIRE AND EXPLOSION HAZARD DATA</b>				<b>SARA Title III Reporting Requirements</b>			
FLAMMABILITY as per CPSC FLAME EXTENTION TEST: Non-Flammable Spray							
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-continued breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing							
UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (above 120°F) containers may vent, rupture or burst				302	(Extremely Hazardous Substances): <b>Reporting not required.</b>		
<b>V - REACTIVITY DATA</b>				304/CERCLA	(Spills Notification): <b>Not required.</b>		
CHEMICAL STABILITY	UNSTABLE		<b>CONDITIONS TO AVOID:</b> Do not expose to temperatures above 120°F	311	Community Right-To-Know, RTK): <b>Reporting not required.</b>		
	STABLE	X					
INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents				312	(RTK Inventory Data): <b>Not required.</b>		
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Carbon monoxide							
HAZARDOUS POLYMERIZATION	MAY OCCUR		<b>CONDITIONS TO AVOID:</b> None	313	(Emissions and Releases): <b>Reporting not required.</b>		
	WILL NOT OCCUR	X					
Aerosol products present a limited hazard during storage or use if label precautions are followed. Intentional misuse by deliberately concentrating and inhaling				DOT	NOT HAZARDOUS		
<b>VI - HEALTH HAZARD AREA</b>				<b>References</b>			
<b>ROUTE(S) OF ENTRY:</b> EYES Yes		SKIN Primary		INGESTION Yes		INHALATION Yes	
<b>EFFECTS OF OVER EXPOSURE:</b>							
<b>INHALATION:</b> Inhalation of mist can cause irritation of nasal passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract.				<b>TOXIC SUBSTANCE CONTROL CT LIST (TSCA) - INGREDIENTS LISTED</b>			
<b>SKIN CONTACT/ABSORPTION:</b> Frequent or prolonged contact may cause irritation				<b>PERMISSIBLE EXPOSURE REFERENCES:</b>			
<b>INGESTION:</b> Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis. Minimal toxicity				Registry of Toxic Effects of Chemical Substances.			
<b>EYES:</b> May cause slight irritation but does not injure eye tissue				Title 29 Code of Federal Regulations.			
<b>CARCINOGENICITY:</b> No		NTP? No		IARC MONOGRAPHS? No		OSHA REGULATED? No	
<b>EMERGENCY AND FIRST AID PROCEDURES:</b>				National Toxicology Program (NTP) Report on Carcinogens.			
<b>EYES AND SKIN:</b> EYES - Flush eyes with water for at least 15 minutes while lifting upper and lower lids. GET MEDICAL ATTENTION SKIN - Wash exposed skin areas with soap and water. If irritation persists get medical attention				International Agency for Research on Cancer (IARC) Monographs.			
<b>INHALATION:</b> Remove to fresh air. SEEK IMMEDIATE MEDICAL ATTENTION. If breathing stops give artificial respiration.				Title 40 Code of Federal Regulations			
<b>INGESTION:</b> Do NOT induce vomiting. GET IMMEDIATE MEDICAL ATTENTION				<b>REGULATORY STANDARDS:</b>			
				DOT Title 49 Code of Federal Regulations 172.101			
				SARA Title III			
				Nuclear Regulatory Commission			