

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	FLUORO FINDER EMULSIFIER, FE-5
National Stock Number	6850007822737
CAGE Code	03530
Part Number Indicator	A
MSDS Number	4566
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	AMERICAN GAS & CHEMICAL CO, LTD
Emergency Phone	201-767-7300

MSDS Preparer's Information

Date MSDS Prepared/Revised	INTERIM
Date of Technical Review	22OCT86
Active Indicator	N

Alternate Vendors

Vendor #5 CAGE	BFPMY
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SECTION III - Physical/Chemical Characteristics

Specification Number	MIL-I-25135
Hazard Storage Compatibility Code	F5-F8
Appearance/Odor	CLEAR RED LIQUID;MILD AROMATIC ODOR
Boiling Point	165-525F
Vapor Pressure	<15
Vapor Density	>1
Specific Gravity	0.92
Evaporation Rate	<1.0 (BU-ACETATE=1)
Solubility in Water	NEGLIGIBLE
Percent Volatiles by Volume	82
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	0.8
Upper Explosion Limit	6.0
Extinguishing Media	FOAM, DRY CHEMICAL, CO*2, OR WATER FOG OR SPRAY
Special Fire Fighting Procedures	USE H*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT. CLTHG
Unusual Fire/Explosion Hazards	DO NOT STORE OR MIX WITH STRONG OXIDANTS. COMBUSTIBLE LIQUID

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	HEAT, IGNITION SOURCES
Materials to Avoid	STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	THRML DECOMPOSITION GIVES HCL, SM AMTS OF COCL*2 & CL*2 GAS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT KNOWN

SECTION VI - Health Hazard Data

Symptoms of Overexposure	INHAL: HI-VAP CONC MAY CAUSE DIZZ/HEADACHE; SKIN: PROLONGED CONTACT CAUSES DERMATITIS/IRRIT; EYES: IRRIT
Emergency/First Aid Procedures	SKIN: WASH W. SOAP & H*20. EYES: FLUSH W. H*20.

INGESTED: DON'T INDUCE
VOMITING. INH

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	EVACUATE UNPROTECTED PERSONS. ELIM IGNITION SOURCES. STOP LEAK. H*2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT. PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT, SHOVEL INTO METAL DRUMS: LG SPILL: DIKE W COMMERCIAL ABSORBENT, PUMP INTO COVERED DRUMS
Waste Disposal Method	INCINERATE IN APPROVED INCINERATOR OR DISPOSE OF IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS
Other Precautions	STORE IN COOL, DRY, WELL VENTILATED, LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING

SECTION VIII - Control Measures

Respiratory Protection	USE HYDROCARBON VAP CANISTR/SUPPLD-AIR RESPIRATOR IF NEEDED
Ventilation	LOCAL EXHAUST TO MAINTN BELOW TLV
Protective Gloves	IMPERVIOUS
Eye Protection	GOGGLES/FACE SHIELD
Other Protective Equipment	AS REQUIRED TO PREVENT PROLONGED CONTACT
Supplemental Health/Safety Data	MSDS FM MFR DATED: 6/4/84; BOILING POINTS-INITIAL=165F & FINAL=525F; ITEM IS OF MIL-I- 25135C, GROUP VI

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	SLIGHT

Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

Container Quantity	55
Unit of Measure	GL

SECTION XI - Site Specific/Reporting Information

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	AROMATIC (PETROLEUM) HYDROCARBON SOLVENT C*9 THRU C*30;
CAS Number	64742069
NIOSH Number	1000089AS
Proprietary	NO
Percent	75.0
ACGIH TLV	100PPM
Ingredient #	02
Ingredient Name	ETHANE, 1,1,1-TRICHLORO-
CAS Number	71556
NIOSH Number	KJ2975000
Proprietary	NO
Percent	07.0
ACGIH TLV	350PPM
Ingredient #	03
Ingredient Name	ALKYL ARYL POLYETHOXIDE ESTER SURFACTANT (THIS ENTRY TAKEN FROM PREVIOUS DATA OF 84045)
NIOSH Number	1000185AA
Proprietary	NO
Percent	18.0
ACGIH TLV	500PPM
