



SOYLENT GOLD

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

Manufactured For: RAMCO SPECIALTY PRODUCTS, Inc. ♦ 5956 State Road ♦ Bakersfield, CA 93308-3022
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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME	SOYLENT GOLD (Bulk)	PROPER SHIPPING NAME	FATTY ACID ESTER
PRODUCT NUMBER	7075	DATE PREPARED	05/26/2003
PRODUCT DESCRIPTION	Degreaser/Cleaner	PREPARED BY	WARREN SQUYRES
Information Phone	(800) 334-7071	24-Hour Emergency Phone No.	(800) 255-3924

NFPA - HMIS CODES

Health	1	Flammability	1	Corrosive	0	Reactivity	0	Personal Protection	B
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SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

Description	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TEL (ppm)	VOC Grams/Liter	Wt %
Non-Hazardous Components						
Methyl Soyate	67784-80-9	NO	N/E	N/E	--	--
Dodecylbenzenesulfonic Acid, Isopropylamine	26264-05-1	NO	N/E	N/E	--	--
Mixture of Surfactants	N/A	NO	N/E	N/E	--	--

TSCA STATUS: This product is listed on TSCA

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Initial Boiling Point, °F	>400°F	Evaporation Rate (n-Bu-Ac=1.0)	N/E
Vapor Pressure for Product	<2	Melting Point, °F	N/A
Vapor Density for Product (Air = 1.0)	1	pH	8.2
Specific Gravity (H ₂ O=1 @ 75°F)	0.88	Viscosity, Typical (cp)	N/E
VOC (Grams/Liter @ 25°C) (EPA Method 24)	25	Appearance and Color	Clear Amber Liquid
Volatiles, % by Volume @ 100°C	<2	Odor	Clean and Fresh
Total VOC %	N/E	Water Solubility (Wt %)	Insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (ASTM D92)	>300°F (ASTM 93)
Auto Ignition Temperatures	N/E
Flammability Limits in Air	
Lower Explosive Limit Estimated	N/E
Upper Explosive Limit Estimated	N/E
Extinguishing Media	CO ₂ , Dry Chemical, Foam, Halon, Water Spray (Fog)
Unusual Fire and Explosion Hazards	Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in a well-ventilated area.
Special Fire Fighting Procedures	Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapors. Keep fire-exposed containers cool to prevent combustion. Water stream may splash the burning liquid and spread fire.



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SECTION V - HEALTH HAZARD DATA AND EMERGENCY FIRST AID PROCEDURES

ENTRY ROUTES	ADVERSE/CHRONIC EFFECTS	FIRST AID PROCEDURES
EYES	May cause irritation.	Flush eyes with water using eyecup or fountain for at least 15 minutes while lifting upper and lower lids open. Seek medical attention immediately if irritation persists.
INGESTION	No hazards anticipated from ingestion incidental to industrial exposure. Swallowing large amounts may be harmful and may cause irritation including nausea, diarrhea, and/or vomiting.	DO NOT INDUCE VOMITING. Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)
INHALATION	Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause dizziness and nausea.	Remove from area of exposure. Seek medical attention if symptoms persist.
SKIN	Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.	Remove contaminated clothing. Wash exposed area with plenty of soap and water. Seek medical attention if symptoms persist.
CARCINOGEN	NONE	Pre-existing skin disorders.
	MEDICAL CONDITIONS TO AVOID	

SECTION VI - REACTIVITY DATA

STABILITY	Stable - No conditions known.
HAZARDOUS POLYMERIZATION	Will not occur - No conditions known.
INCOMPATIBILITY	Strong oxidizing materials.
HAZARDOUS DECOMPOSITION	Combustion produces Carbon Dioxide, Carbon Monoxide, along with thick smoke.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Remove all sources of ignition, stop leak and contain spill to the smallest area possible. Pickup small spills with absorbent material. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.	
WASTE DISPOSAL	Disposal of in compliance with Federal, State, and Local laws.
HANDLING & STORAGE	Store in closed containers between 50°F and 120°F. Keep away from oxidizing agents, excessive heat, and ignition sources. Store and use in a well ventilated area. Do not store or use near heat, spark, or flame. Store out of sun. Do not puncture, drag or slide container. Drum is not a pressure vessel; never use pressure to empty.
OTHER PRECAUTIONS	KEEP OUT OF REACH OF CHILDREN. Read and follow label directions. For Industrial/Institutional use only.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)	If vapors or mists are generated, wear a NIOSH Approved organic vapor/mist respirator.
VENTILATION	Normal ventilation is usually adequate.
PROTECTIVE GLOVES	PVC coated gloves recommended to prevent skin contact.
EYE PROTECTION	Approved safety glasses with side shields or goggles.
OTHER PROTECTIVE CLOTHING/EQUIPMENT	Not usually needed for normal use.
WORK HYGIENIC PRACTICES	Employees must practice good personal hygiene; washing exposed areas of skin several times daily and before eating, drinking or smoking. Launder contaminated clothing before reuse.

SECTION IX - TRANSPORTATION DATA

PROPER SHIPPING NAME	FATTY ACID ESTER
DOT ID NUMBER	N/A
DOT HAZARD CLASS	N/A

The information and recommendations set forth herein are presented in good faith and believed to be correct and reliable. RAMCO SPECIALTY PRODUCTS, Inc. makes no representation as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.