

MATERIAL SAFETY DATA SHEET

WAY OIL 220

I. PRODUCT AND MANUFACTURER INFORMATION	
Product name	WAY OIL 220
Chemical name	PETROLEUM HYDROCARBON
Synonyms	
CAS number	
Manufacturer	Ashburn Chemical Technologies 2911 Rusk Houston, TX 77003
Emergency phone number	713-425-3000
MSDS prepared by	
Date of last revision	1/9/03

II. HAZARDOUS INGREDIENTS					
HAZARDOUS COMPONENT	CAS NUMBER	% Optional	OSHA PEL	ACGIH TLV	CHEMICAL AND/OR COMMON NAME(S)
Severely refined petroleum oil			5mg/kg		
Hydrocarbon Polymer			NE		
Alkenyl ester sulfide			NE		
Hydrogen Sulfide	(7783-06-4)		10ppm		

(All other products are not considered to be subject to Section 313 provisions of SARA Title III)

III. PHYSICAL AND CHEMICAL CHARACTERISTICS	
Boiling point @ 760 mm Hg	ND
Vapor pressure at 20 °C	ND
Vapor density (air = 1)	ND
Solubility in water	INSOLUBLE
Appearance and odor	AMBER LIQUID
Specific gravity (H ₂ O = 1.0)	0.89
Melting point	ND
Evaporation rate (butyl acetate = 1)	ND

IV. FIRE AND EXPLOSION HAZARD DATA	
Combustible/Not combustible	Not combustible
Flammable/Not flammable	Not flammable
Pyrophoric/Not pyrophoric	Not pyrophoric
Explosive/Not explosive	Not explosive
Flash point (test method)	400 F
Flammable limits (in Air % by volume)	ND
Extinguishing media	Use CO ₂ , dry chemical, foam and water fog. Water can be used to cool and protect exposed material.
Special fire-fighting procedures or equipment	Material must be pretreated to burn. Do not enter confined areas without full protective equipment, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.
Unusual fire and explosion hazards	None

V. REACTIVITY DATA	
Material is stable/unstable	Stable at ambient temperatures.
Conditions to avoid	Heat, open flame, and oxidizing materials.
Incompatibility (materials to avoid)	Oxidizing materials.
Hazardous decomposition or by-products	Smoke, Carbon Monoxide, Aldehydes and other products of incomplete combustion. Under combustion conditions oxides of sulfur, nitrogen and phosphorous will be formed.
Hazardous polymerization will/will not occur	Will not occur.

VI. HEALTH HAZARD DATA	
Threshold limit value	
Primary route(s) of entry	Skin
Known Hazards Under 29 CFR 1910.1200	
Mutagenic (genetic defects)	Not a Hazard
Reproductive	Not a Hazard
Systemic	Not a Hazard
Teratogenic (birth defects)	Not a Hazard
Carcinogen listed in:	
NTP (National Toxicology Program)	Not a Carcinogen
IARC Monographs	Not a Carcinogen
OSHA	Not a Carcinogen
Signs and symptoms of exposure	
Inhalation	Harmful concentrations of mists and vapors are unlikely through customary handling of this product.
Skin contact	Not expected to cause prolonged or significant skin irritation.
Eye contact	Not expected to cause prolonged or significant eye irritation.
Ingestion	Not expected to be toxic to internal organs if ingested.
Emergency first aid procedures	
Inhalation	Move to fresh air.
Skin contact	Remove contaminated clothing and wash before re-use. Wipe excess material from skin. Wash exposed area with soap and water.
Eye contact	Check for and remove contact lenses. Flush eyes with cool clean low pressure water while occasionally lifting and lowering the eyelids. Seek medical attention if excessive tearing, redness, or pain persists.
Ingestion	Do not induce vomiting unless directed by a physician. Do not give anything to drink unless directed by a physician. Never give anything by mouth to person that is unconscious. Seek medical attention immediately.
Medical conditions generally aggravated by exposure	Pre existing skin disorders.
Notes to physician	

VII. PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to take if released or spilled	Treat as an oil spill. Dike area. Clean up with absorbent material. Do not flush into drain or sewers. Place in a DOT approved container for disposal.
Waste disposal method	Use approved treatment, transporters and disposal sites in accordance with local, state and federal laws. Do not flush to storm or sanitary sewer.
Precautions for handling and storing	Keep containers closed when not in use. Wash thoroughly after handling.
Other precautions	
Hazard ratings	HMIS
Health	1
Flammability	1
Reactivity	0

Personal protection	0	
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VIII. CONTROL MEASURES	
Protective gloves (type and material)	Use gloves that are chemical resistant such as neoprene or nitrile rubber.
Eye protection	Use safety glasses with side shields or goggles or face shield if splashing or spraying is anticipated.
Other protective clothing or equipment	Impervious protective clothing, e.g. Tyvek.
Respiratory protection (specify type)	None normally required. If TLV is exceeded, use NIOSH approved respirator.
Ventilation and conditions	General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.
Local	
Mechanical	
Other	
Special	
Work/hygienic practices	Laundry contaminated clothing before reuse. Avoid prolonged breathing of mist and vapors. Use as directed. Normal precautions common to good manufacturing should be followed in handling and storing. Store away from food. Wash hands before eating, drinking, or smoking.

IX. ADDITIONAL REGULATORY INFORMATION	
SARA hazard category (Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III))	Delayed (Chronic) Health Hazard
Toxic chemical(s) subject to the supplier notification requirements of section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA) and the requirements of 40 CFR part 372	NONE
Ingredient(s) regulated under the Clean Air Act Section 112 hazardous air pollutants and subject to all reporting requirements of CERCLA (Superfund)	NONE

NA – not applicable NR – not reported ND – not determined NE – not established UN – unknown

The information presented in this MSDS has been compiled from sources deemed reliable. This MSDS is presented in good faith and believed to be accurate as of the effective date shown above. No warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer to insure compliance with federal, state, provincial and local laws and regulations.