SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: VALCO CINCINNATI, INCORPORATED ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246 IDENTITY: VALCO PHASE 2 - TIRE AND RUBBER DRESSING SHELF LIFE: 3 YEARS

SECTION II - HAZARDS IDENTIFICATION

APPEARANCE	Clear liquid
PHYSICAL STATE	Liquid

CLASSIFICATION

Acute Toxicity – Dermal	Category 4
Acute Toxicity – Inhalation (Vapors)	Category 4
Aspiration Toxicity	Category 1

SIGNAL WORD

Danger

HAZARD STATEMENTS

Harmful in contact with skin Harmful if inhaled

May be fatal if swallowed and enters airways



PRECAUTIONARY STATEMENTS – PREVENTION

Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

PRECAUTIONARY STATEMENTS - RESPONSE

IF ON SKIN: Wash with plenty of soap and water Call a poison center or doctor/physician if you feel unwell Wash contaminated clothing before reuse IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do not induce vomiting

PRECAUTIONARY STATEMENTS - STORAGE

Store locked up Store in a well-ventilated place. Keep container tightly closed

PRECAUTIONARY STATEMENTS - DISPOSAL

Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS

Toxic to aquatic life with long lasting effects

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	WEIGHT-%
Petroleum Distillates,	64742-47-8	70-75
Hydrotreated light		

If Chemical Name/CAS No is "proprietary" and or Weight-% is listed as a range, the specific chemical identity and/or Percentage of composition has been withheld as a trade secret.

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
SKIN CONTACT	IF ON SKIN: Wash with plenty of soap and water. Call a poison center or doctor/ physician if you feel unwell. Wash contaminated clothing before reuse.
INHALATION	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
INGESTION	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

MOST IMPORTANT SYMPTOMS AND EFFECTS

SYMPTOMS Harmful in contact with skin. Harmful if inhaled. May be fatal if swallowed and Enters airways.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

NOTES TO PHYSICIAN

Treat symptomatically.

SECTION V – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Dry chemical. Carbon dioxide (CO2). Foam. Sand/earth. Halon.

UNSUITABLE EXTINGUISHING MEDIA

Not determined.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Not determined

HAZARDOUS COMBUSTION PRODUCTS

Carbon oxides.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS	Use personal protective equipment as required.
ENVIRONMENTAL PRECAUTIONS	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section XII, Ecological Information.
METHODS AND MATERIAL FOR COM	ITAINMENT AND CLEAN UP
CONTAINMENT	Prevent further leakage or spillage if safe to do so.
CLEAN UP	Absorb with inert material or sweep up, and then place in suitable container for chemical waste. Dispose of contents/container to an approved waste disposal plant.
SECTION VII – HANDLING AND STOP	RAGE
	_

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING	Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.	
CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES		
STORAGE CONDITIONS	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Store away from heat, sparks, flame.	
INCOMPATIBLE MATERIALS	Strong acids. Strong bases. Oxidizing agents. Selected amines.	

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

APPROPRIATE ENGINEERING CONTROLS

ENGINEERING CONTROLS Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	Safety glasses.
SKIN AND BODY PROTECTION	Solvent resistant rubber or plastic gloves. Suitable protective clothing.
RESPIRATORY PROTECTION	If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume, use NIOSH/OSHA approved respiratory protection.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE APPEARANCE COLOR ODOR ODOR THRESHOLD

Liquid Clear liquid Clear Not determined Not determined

PROPERTY	VALUES	REMARKS • METHOD
рН	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	173-207.7°C / 345-406°F	
Flash Point	93.3°C / 200°F	
Evaporation Rate	<1	(n-BuAc=1)
Flammability (Solid, Gas)	Liquid – Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	>1	(Air=1)
Specific Gravity	0.8	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Additional Information	Volatile by volume 70-75%	

SECTION X - STABILITY AND REACTIVITY

REACTIVITY

Not reactive under normal conditions.

CHEMICAL STABILITY

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal processing.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization does not occur.

CONDITIONS TO AVOID

Heat, flames and sparks.

INCOMPATIBLE MATERIALS

Strong acids. Strong bases. Oxidizing agents. Selected amines.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides.

SECTION XI - TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

PRODUCT INFORMATION

SKIN CONTACT Harmful in contact with skin.

INHALATION Harmful if inhaled.

INGESTION

May be fatal if swallowed and enters airways.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Petroleum Distillates, Hydrotreated light 6472-47-8	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>5.2 mg/L (Rat) 4 h
Polydimethylsiloxane 63148-62-9	>17 g/kg (Rat)	>2 g/kg (Rabbit)	-

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS

SYMPTOMS

Please see section IV of this SDS for symptoms.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

CARCINOGENICITY

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

NUMERICAL MEASURES OF TOXICITY

Not determined

SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic life with long lasting effects.

COMPONENT INFORMATION

CHEMICAL NAME	ALGAE AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
Petroleum Distillates,		45: 96h Pimephales		4720: 96h Den-
Hydrotreated light		Promelas mg/L LC50		dronereides
64742-47-8		flow-through 2.4: 96h		heteropoda mg/L
		Oncorhynchus		LC50
		mykiss mg/L LC50		
		static 2.2: 96 h		
		Lepomis macrochirus		
		mg/L LC50 static		

SECTION XII - ECOLOGICAL INFORMATION (CONT)

PERSISTENCE/DEGRADABILITY

Not determined.

BIOACCUMULATION

Not determined

MOBILITY

Not determined

OTHER ADVERSE EFFECTS

Not determined.

SECTION XIII - DISPOSAL		
WASTE TREATMENT METHODS		
DISPOSAL	Disposal should be in accordance with applicable regional, national and local laws and regulations.	
CONTAMINATED PACKAGING	Disposal should be in accordance with applicable regional, national and local laws and regulations.	

SECTION XIV - TRANSPORTATION

<u>NOTE</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA MARINE POLLUTANT	Not regulated This material may meet the definition of a marine pollutant

SECTION XV - RETULATORY INFORMATION

INTERNATIONAL INVENTORIES

CHEMICAL NAME	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum Distillates, Hydrotreated light	Present	Х		Present		Present	Х	Present	Х	Х

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

SECTION XV - RETULATORY INFORMATION (CONT)

US FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (CLEAN WATER ACT)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals.

US STATE RIGHT-TO-KNOW REGULATIONS

This product does not contain any substances regulated under applicable state right-to-know regulations.

SECTION XVI – OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	Not determined	Not determined	Not determined	Not determined

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERE WITH.

7 of 7