

MATERIAL SAFETY DATA SHEET



Aqua Flow Lubricants®

N F P A	HAZARD RATING	<table border="1"> <tr> <td style="text-align: center;">Fire</td> <td style="text-align: center;">Reactivity</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Toxicity</td> <td style="text-align: center;">Special</td> </tr> </table>	Fire	Reactivity	0	1	0	0	Toxicity	Special
	Fire		Reactivity							
	0		1							
	0		0							
	Toxicity		Special							
4 - EXTREME										
3 - HIGH										
2 - MODERATE										
1 - SLIGHT										
0 - INSIGNIFICANT										

IDENTITY (As Used on Label and List)
VA-SPECIAL 10

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name ASTRA INDUSTRIAL SERVICES, INC.	Emergency Telephone Number MANUFACTURE (800) 776-1464
Address (Number, Street, City, State, and ZIP CODE) 3525 OLD CONEJO ROAD #104 NEWBURY PARK, CALIF. 91320	Telephone Number for Information CHEM TREK 1-(800) 424-9300
	DATE PREPARED OCTOBER 25, 1999
	Signature of Preparer (optional)

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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NO HAZARDOUS MATERIALS - MEETS ALL ANSI/NSF STANDARDS 60 AND 61 FOR ADDITIVES IN POTABLE WATER APPLICATIONS.

Section III -- Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ O = 1)	0.89
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.
Solubility in Water	INSOLUBLE		
Appearance and Odor	TRANSLUCENT WHITE -- SEMI SOLID WITH MILD ODOR		

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) 500°F C.O.C.	Flammable Limits N.D.	LEL N.D.	UEL N.D.
Extinguishing Media	DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM		
Special Fire Fighting Procedures	TREAT AS OIL FIRE -- USE SELF CONTAINED BREATHING APPARATUS		
Unusual Fire and Explosion Hazards	NONE		

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	WELDING

Incompatibility (Materials to Avoid)

OXIDIZING AGENTS

Hazardous Decomposition or Byproducts

CARBON DIOXIDE, CARBON MONOXIDE, TRACE FLOURIDE COMPOUNDS

Hazardous Polymerization	May occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion? X

Health Hazards (Acute and Chronic)

MAY CAUSE SKIN IRRITATION TO SENSITIVE INDIVIDUALS

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

NO CARCINOGENS PRESENT

Signs and Symptoms of Exposure

NOT ESTABLISHED NO PROBLEMS NORMALLY EXPECTED

Medical Conditions

Generally Aggravated by Exposure

NOT ESTABLISHED

Emergency and First Aid Procedures

INGESTION, TREAT AS OIL INGESTION

EYES, FLUSH WITH WATER CONTACT PHYSICIAN IF IRRITATION PERSIST

Section VII — Precautions for Safe handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

SOAK UP EXCESS & DISPOSE IN LAND FILL OR BURN IN ACCORDANCE WITH LOCAL REGULATIONS

Waste Disposal Method

DISPOSE ACCORDING TO STATE, LOCAL AND FEDERAL REGULATIONS

Precautions to Be Taken in Handling and Storing

USE STANDARD INDUSTRIAL HANDLING PROCEDURES

Other Precautions

NONE

Section VIII — Control Measures

Respiratory Protection (Specify Type)

NORMALLY NOT NEEDED

Ventilation	Local Exhaust	X	Special
	Mechanical (General)		Other

Protective Gloves

FOR CLEANLINESS

Eye Protection

AS REQUIRED BY LAW

Other Protective Clothing or Equipment

NONE USUALLY REQUIRED

Work/Hygienic Practices

STANDARD METHODS

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May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

N.D. - Not Determined
< - Less Than

N.A. - Not Applicable
> - Greater Than