



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. SS 128  
Effective Date April 29, 1999

## SECTION V HEALTH HAZARD DATA

SS 128

### Threshold Limited Value

PEL/TWA: 500 ppm, TLV/TWA: 400 ppm; 525 mg/m<sup>3</sup> (Air)  
(ACGIH 1992-93). Toxicity data: oral rat LD50: >25 mL/Kg.

### Effects of Overexposure

**TARGET ORGANS AFFECTED:** Liver, kidneys, central nervous system.  
**EYES:** May cause irritation, redness. **SKIN:** May cause irritation, drying, cracking. **INHALATION:** May cause irritation to nose, throat, respiratory tract. May cause central nervous system depression. **INGESTION:** May cause gastrointestinal irritation, with symptoms of nausea, dizziness, drowsiness, headache, vomiting, diarrhea. Aspiration hazard.

### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If symptoms of illness develop, get medical attention. **EYES:** Immediately flush eyes with plenty of water and get medical attention if symptoms are present after flushing. **SKIN:** Immediately wash with plenty of soap and water while removing contaminated clothing and shoes. **INGESTION:** If swallowed, do NOT induce vomiting. Call physician immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid
		X	Excessive temperature and heat.

Incompatibility (Materials to Avoid)	Strong oxidizers.
--------------------------------------	-------------------

Hazardous Decomposition Products	Combustion will produce various hydrocarbons, carbon dioxide, smoke and probably emits carbon monoxide.
----------------------------------	---

Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
Not applicable.	

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Remove all sources of ignition. Absorb material in vermiculite or other suitable absorbent and place in impervious container for proper disposal.
---	---

Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.  Dispose of in accordance with federal, state and local regulations.
-----------------------	---

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Good general ventilation should be sufficient to control airborne levels. Use a NIOSH/MSHA-approved respirator for mist.
---------------------------------------	--

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	Adequate to maintain below exposure limit.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
-------------------	---------	----------------	--------------------------

Other Protective Equipment	Smock, apron, eye wash station, goggles, ventilation hood, proper gloves, fire extinguisher.
----------------------------	--

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry, well-ventilated area away from heat, flame, sparks and oxidizing materials. Wash thoroughly after handling.
---	---

Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.  Avoid prolonged or repeated contact with skin. Use adequate ventilation. Do not breathe vapor or mists. Remove and wash contaminated clothing.
-------------------	---

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 1	Date 4/29/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------------	--------------	----------	-----------------	-----------------------------	----

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	SHELL SOL B HT
Chemical Synonyms	Petroleum distillates, Solvent naphtha
Formula	Mixture of C <sub>5</sub> to C <sub>8</sub> hydrocarbons
Unit Size	up to 20 Lt.
C.A.S. No.	64742-89-8

CHEMTREC  
800-424-9300  
Day 716-226-6177

NFPA HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

HMIS \*  
Health 1  
Fire 3  
Reactivity 0

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Solvent Naphtha	100%	400 ppm

**WARNING! FLAMMABLE! HARMFUL OR FATAL IF SWALLOWED OR INHALED.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not available.	Specific Gravity (H <sub>2</sub> O = 1)	0.674-0.68 @ 60°F
Boiling Point (°F)	61-84°C (142-183°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	320 @ 100°F	Evaporation Rate (n-butyl acetate =1)	9.1
Vapor Density (Air=1)	2.9		
Solubility in Water	Negligible.		
Appearance & Odor	Clear, colorless liquid; hydrocarbon odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	-17.78°C (0°F)	Flammable Limits in Air % by Volume	Lower	Upper
			1	7
Extinguisher Media	Dry chemical (ABC); carbon dioxide (CO <sub>2</sub> ); foam.			

SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. <b>USE WATER WITH CAUTION.</b> Since this material is lighter than water and insoluble in water, the fire could be spread by the use of water in an area where the water would not be contained.
---------------------------------	---

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 128)

UNUSUAL FIRE AND EXPLOSION HAZARDS	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from material handling point. Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.
------------------------------------	---

D.O.T.	Petroleum distillates, n.o.s., (Petroleum Naphtha), 3, UN 1268, PG II
--------	---

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20