

(section 3 continued)

NFPA Rating - **Health: 1**
 Flammability: 1
 Reactivity: 0
 Special Hazard: N/A

POTENTIAL HEALTH EFFECTS

EYE:

Contact may cause eye irritation and redness.

SKIN:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Inhalation of vapors or mist may be irritating to the nose, throat, and respiratory tract.

INGESTION:

May cause vomiting.

CARCINOGENICITY INFORMATION:

Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes.

Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Wash skin with soap and water.

Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION FIRST AID:

Remove to fresh air.

If not breathing, give artificial respiration.

INGESTION FIRST AID:

If vomiting should occur spontaneously, keep airway clear.

NOTES TO PHYSICIAN:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: 177 C (350.6 F)
Autoignition Temperature: >315 C (> 599.0 F)

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, foam, or dry powder. Water may be used to cool below flash point.

FIRE FIGHTING INSTRUCTIONS:

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

COMBUSTION PRODUCTS:

Fumes, smoke and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Absorb spills with inert material.

LARGE SPILLS PROCEDURE:

Contain spilled material.

SMALL SPILLS PROCEDURE:

Clean up area by absorbent material.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Wash thoroughly after handling.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit.

EYE / FACE PROTECTION REQUIREMENTS:

Where contact with this material is likely, eye protection is recommended.

SKIN PROTECTION REQUIREMENTS:

When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
COLOR	Brown
ODOR	Characteristic
BOILING POINT	500-1100 F
VAPOR PRESSURE	<1 mm Hg
VAPOR DENSITY	>5 (Air = 1)
SOLUBILITY IN WATER	Emulsifiable
SPECIFIC GRAVITY	0.9208 at 60 Deg F (Water = 1)
BULK DENSITY	7.67 Pounds per Gallon at 60 Deg F
MELTING/FREEZING POINT	-30 F
% VOLATILES	Nil %
VOLATILE ORGANIC COMPOUNDS (VOC) ...	Nil

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

(section 10 continued)

CONDITIONS TO AVOID:

Sources of ignition.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Minimal irritation on contact.

SKIN EFFECTS:

Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.

ACUTE ORAL EFFECTS:

Tests on similar materials indicate low order of acute oral toxicity.

ACUTE INHALATION EFFECTS:

Low acute toxicity expected on inhalation.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Aquatic Release: Advise authorities if product has entered or may enter watercourses or sewer drains.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Altra Soluble AP 16
D.O.T. SHIPPING NAME ...: Not regulated by DOT

15. REGULATORY INFORMATION

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

APPROVAL DATE: March 2, 2010
SUPERCEDES DATE ...: New
RTN NUMBER: 00311599 (Official Copy)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

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END OF MSDS
