

West Central Incorporated, 2700 Trott Ave. SW, PO Box 897, Willmar, MN 56201 IN CASE OF EMERGENCY, CALL CHEMTREC
UNITED STATES: 1-800-424-9300
INTERNATIONAL: 1-202-483-7616

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

PRODUCT NAME: SURFLEX® L 520
SYNONYMS: NA
CHEMICAL FAMILY: Proprietary blend of ammonium compounds, sequestering aids, and nonionic surfactants
GENERIC DESCRIPTION: Water Conditioning and Surfactant Adjuvant System
MOLECULAR WEIGHT: Mixture

2. HAZARDOUS INGREDIENTS

COMPONENT	CAS. NO.	WT %
Aqueous Ammonia	--	<10

3. EFFECTS OF OVEREXPOSURE:

EYE: May cause eye irritation after direct contact with material.
SKIN: May cause slight skin irritation after repeated contact.
INHALATION: Inhalation of vapor or mist may cause mild irritation of the respiratory tract.
ORAL: Very low toxicity by ingestion.

4. EMERGENCY FIRST AID

Call a poison control center or doctor immediately for treatment advice.

IF SWALLOWED: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

5. REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Avoid extreme heat and open flames.
POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Strong oxidizing agents

6. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, light blue liquid, with slight ammonia odor.
BOILING POINT:	>200° F
MELTING POINT:	NA
VAPOR PRESSURE (mmg of Hg):	NA
SPECIFIC GRAVITY:	1.14 (+/- .05)
VAPOR DENSITY (AIR=1):	ND
% VOLATILE (BY WGT.%):	35-45%
EVAPORATION RATE (Butyl A.)r=1):	ND
SOLUBILITY IN WATER:	Soluble
PH (2%):	~8.5

7. NFPA HAZARD RATING (National Fire Protection Association)

Fire	1	FIRE:	Must be preheated before ignition can occur.
Health	2	HEALTH:	Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
Reactivity	0	REACTIVITY:	Materials which in themselves are normally stable, even under fire exposure conditions and which are not reactive with water.
Special			

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	>200° F
FLAMMABLE LIMITS:	Not considered a fire hazard.
EXTINGUISHING MEDIA:	This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.
FIRE FIGHTING:	As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Use self-contained breathing apparatus with fighting any fire in an enclosed area.
UNUSUAL FIRE HAZARD:	Oxides of carbon and nitrogen are produced by the combustion of this product.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Keep out of reach of children. Avoid prolonged and /or repeated skin and eye contact when handling this product. Keep container closed and dry. Isolate from strong oxidizing agents. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies.
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10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	None required for normal use. If use conditions generate vapors, aerosols or fumes, use a NIOSH-approved respirator.
VENTILATION:	Normal room ventilation (mechanical) should be satisfactory.
PROTECTIVE GLOVES:	Impervious.
EYE PROTECTION:	Wear goggles or a face shield.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	CAUTION: Spills may be slippery. Material should be collected and disposed of in a proper manner. Dike area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.
WASTE DISPOSAL:	Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.
CONTAINER DISPOSAL:	Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

12. REGULATORY INFORMATION

COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

<u>Sara regulated compounds</u>	<u>% Wt.</u>	<u>CAS NO.</u>
Aqueous ammonia	<10	--

SARA 313: Aqueous ammonia per 40 CFR 372.65.

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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