

# Material Safety Data Sheet



MSDS# 15-05864

## Section 1. Chemical Product and Company Identification

**Product name**      **ALCOSPERSER® 435N****Material Uses**      : Dispersants

**Supplier/  
Manufacturer**      AKZO NOBEL SURFACE CHEMISTRY LLC  
525 West Van Buren  
Chicago, IL 60607-3823  
www.surfactants.akzonobel.com

AKZO NOBEL CHEMICALS LTD.  
1 City Centre Drive, Suite 318  
Mississauga, Ontario L5B 1M2  
Canada

**In Case of Emergency**

CHEMTREC:            800-424-9300  
CANUTEC:            613-996-6666  
Medical/Handling:    914-693-6946  
Product/Technical:    800-906-9977

## Section 2. Hazards Identification

**Physical State**      Liquid.**Color**                Colorless.**Odor**                 Slight

**Emergency Overview**      CAUTION!  
MAY BE HARMFUL IF SWALLOWED.

Do not ingest. Wash thoroughly after handling.

**Routes of Entry**      Absorbed through skin. Eye contact. Ingestion.

See Toxicological Information (section 11)

## Section 3. Composition/ Information on Ingredients

Name	CAS #	% by Weight
Proprietary component	proprietary	15-40
Proprietary Solvent(s)	proprietary	60-85

## Section 4. First Aid Measures

**Eye Contact**            Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 30 minutes. Cold water may be used. Get medical attention if irritation occurs.

**Skin Contact**            Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.

**Inhalation**             If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

**Ingestion**              Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Medical Conditions  
Aggravated by  
Overexposure**            Repeated or prolonged exposure is not known to aggravate medical condition.

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## Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	May be combustible at high temperature.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ). Some metallic oxides.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Protective Clothing (Fire)</b>	

## Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7. Handling and Storage

<b>Handling</b>	Do not ingest. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 4.4444 to 37.778°C (40 to 100°F).
<b>Other Special Considerations</b>	Protect from freezing.

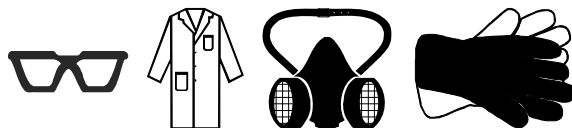
## Section 8. Exposure Controls/ Personal Protection

<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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### Personal Protection

<b>Eyes</b>	Safety glasses.
<b>Body</b>	Lab coat.
<b>Respiratory</b>	Vapor respirator. Be sure to use an approved/certified respirator or equivalent.
<b>Hands</b>	Gloves.
<b>Feet</b>	Not applicable.

### Protective Clothing (Pictograms)



### Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Ingredient Name

Proprietary component  
Proprietary Solvent(s)

### Exposure Limits United States

Not available.  
Not available.

## Section 9. Physical and Chemical Properties

Physical State	Liquid.
Color	Colorless.
Odor	Slight
pH	7 (Conc. (% w/w): 100) [Neutral.]
Boiling/Condensation Point	>100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Density	The only known value is 1 g/cm <sup>3</sup> (Proprietary Solvent(s)).
Vapor Pressure	The highest known value is 2.3 kPa (17.5 mmHg) (at 20°C) (Proprietary Solvent(s)).
Vapor Density	>1 (Air = 1)
Evaporation Rate	1
Solubility	Easily soluble in hot water, methanol, acetone. Partially soluble in cold water.
Dispersion Properties	See solubility in water, methanol, acetone.
Physical Chemical Comments	Not available.

## Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility with Various Substances	Reactive with OXIDIZING AGENTS.
Hazardous Polymerization	Yes.

## Section 11. Toxicological Information

### Toxicity to Animals

Ingredient Name or Product name	Test	Result	Route	Species
Acute Effects Skin		Slightly irritating to the skin.		
Acute Effects Eyes		Slightly irritating to the eyes.		
Special Remarks on Other Toxic Effects on Humans	:			

## Section 12. Ecological Information

Mobility	The product is soluble in water.
Products of Degradation	These products are carbon oxides (CO, CO <sub>2</sub> ) and water. Some metallic oxides.

## Section 13. Disposal Considerations

### Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

## Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
DOT Classification	Not regulated.	-	-	-		-
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

## Section 15. Regulatory Information

### HCS Classification

Not controlled under the HCS (United States).

### U.S. Federal Regulations

TSCA: All intentionally present components are listed on the TSCA inventory.

DSL: All intentionally present components are listed on the DSL.

TSCA 5(a)2 final significant rules: No products were found.

CERCLA: Hazardous substances.: No products were found.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

SARA 313 Form R Reporting Requirements

No products were found.

SARA 313 Supplier Notification

No products were found.

### Other Regulations

Not applicable.

### State Regulations

No products were found.

California prop. 65: No products were found.

### WHMIS (Canada)

Not controlled under WHMIS (Canada).

CEPA DSL: Proprietary component; Proprietary Solvent(s)

Component

EC Number

EC Status

EC Annex

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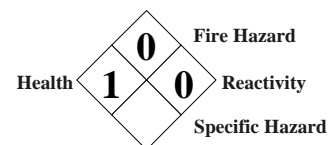
European Union	Proprietary component	proprietary	proprietary	proprietary
	Proprietary Solvent(s)	proprietary	proprietary	proprietary
Other International Lists	Australia (NICNAS): Proprietary component; Proprietary Solvent(s)			
	China: Proprietary component; Proprietary Solvent(s)			
	Japan (MITI): Proprietary component; Proprietary Solvent(s)			
	Korea (TCCL): Proprietary component; Proprietary Solvent(s)			
	Philippines (RA6969): Proprietary component; Proprietary Solvent(s)			

## Section 16. Other Information

### Hazardous Material Information System (U.S.A.)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	

### National Fire Protection Association (U.S.A.)



**Other Information** Alcosperse® is a registered trademark of Akzo Nobel or affiliated companies and is registered in one or more countries including the United States.

**Validation Date** 4/3/2009.  
**Previous Validation Date** No Previous Validation.

**Validated by** Product Safety Specialist  
**Print Date** 4/3/2009.  
**Phone Number** 312-544-7038

### Notice to Reader

The information in the material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions or as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered. If the date on this document is more than three years old, call to make certain that this sheet is current.