



*** MATERIAL SAFETY DATA SHEET ***

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	15-05170
PRODUCT NAME	CELQUAT® SC-230M Conditioning polymer
Manufacturer	Akzo Nobel Surface Chemistry LLC 525 West Van Buren Street Chicago, IL 60607-3823 USA www.surfactants.akzonobel.com
	EMERGENCY PHONES: MEDICAL: 914-693-6946 (Health & Safety Call Center-24 hours) TRANSPORT: CHEMTREC: 800-424-9300 (24 hours) CHEMTREC International: 703-527-3887 (call collect) CANUTEC: 613-996-6666 (24 hours)
SYNONYMS	MSDS Requests/Customer Service: See phone numbers in Section 16 CTFA Name: Polyquaternium 10

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY	Quaternary Cellulosic Derivative	CAS NUMBER	CONCENTRATION
COMPONENT			(% by weight)
None classified as hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).			

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Possible physical irritant from dust particles. Potential for dust explosion.
Tan Powder. Negligible odor

EYE	Particulates may scratch eye surfaces and cause mechanical irritation.
SKIN CONTACT	Repeated or prolonged skin contact may result in mild irritation.
INHALATION	This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m ³ . Dust is irritant to the respiratory tract.

INGESTION Ingestion may cause irritation of the gastrointestinal tract.

4. FIRST-AID MEASURES

EYE Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
 SKIN CONTACT Wash skin with soap and water. If symptoms develop, obtain medical attention.
 INHALATION Remove to fresh air. Get medical attention if irritation persists.
 INGESTION Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

AUTOIGNITION Not available
 FLASH POINT Not applicable
 EXTINGUISHING MEDIA CO₂; Dry Chemical; Foam; Water Fog
 SPECIAL FIREFIGHTING PROCEDURES Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
 FIRE & EXPLOSION HAZARDS Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Product contains low level of organic volatiles which may be emitted at elevated temperatures.
 HAZARDOUS COMBUSTION PRODUCTS Carbon monoxide, carbon dioxide, unknown hydrocarbons.
 LOWER EXPLOSION LIMIT (%) 30.0 g/m³
 UPPER EXPLOSION LIMIT (%) Not applicable
 MINIMUM IGNITION ENERGY 1000 - 10000 mJ
 Kst CLASS 1 = Weak explosion.
 Kst VALUE 36.1 bar.m/s

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE Ambient.

HANDLING/STORAGE	Store in a cool, dry area away from heat, sparks or fire. Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.
SENSITIVITY TO STATIC ELECTRICITY	Yes
SENSITIVITY TO MECHANICAL IMPACT	No

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS	Local.
EYE PROTECTION REQUIREMENTS	Wear safety glasses with side shields. Protect against dust and particulates.
GLOVE REQUIREMENTS	The use of chemically resistant gloves is recommended.
CLOTHING REQUIREMENTS	Uniforms, coveralls, or a lab coat should be worn.
CHANGE/REMOVAL OF CLOTHING	Remove contaminated clothing and launder before reuse.
WASH REQUIREMENTS	Wash exposed areas with soap and water.
RESPIRATOR REQUIREMENTS	None required under normal handling conditions. Use NIOSH approved dust mask if dust levels are irritating.

9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE	Mixture
PHYSICAL FORM	Powder.
COLOR	Tan
ODOR	Negligible
ODOR THRESHOLD	Not available
PH AS IS	Not applicable
pH IN (1%) SOLUTION	5 - 7
OXIDIZING PROPERTIES	Not applicable
BOILING POINT	Not applicable
MELTING/FREEZING POINT	Not applicable
SOLUBILITY IN WATER	Soluble
PARTITION COEFFICIENT (n-octanol/water)	Not applicable
BULK DENSITY	4 - 8 lb/gal
EVAPORATION RATE	Not applicable
VAPOR PRESSURE (mmHg)	Not applicable
VAPOR DENSITY (air = 1)	Not applicable
VOLATILES	< 7 %
VOLATILE ORGANIC COMPOUNDS	< 10 g/liter
AUTOIGNITION	Not available
FLASH POINT	Not applicable

10. STABILITY AND REACTIVITY

STABILITY	Stable
STABILITY DETAIL	Stable under normal temperature and pressure. Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.

11. TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY	Eye Contact; Skin Contact; Inhalation; Ingestion		
CARCINOGEN COMPONENT	<u>IARC</u> (group)	<u>NTP</u>	<u>OSHA Substance</u> <u>Specific Regulation</u>
There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.			

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

EFFECTS OF CHRONIC EXPOSURE	Not established.
TARGET ORGANS	Not applicable.

PRODUCT TOXICOLOGY

PRODUCT INFORMATION	Unlikely to cause harmful effects under normal conditions of handling and use.
---------------------	--

12. ECOLOGICAL INFORMATION

POTENTIAL TO BIOACCUMULATE	Unknown.
AQUATIC TOXICITY	None Established

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS	Disposal should be in accordance with local, state or national legislation.
EMPTY CONTAINER WARNINGS	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. TRANSPORTATION INFORMATION

This section provided for general information only.

FOR NON-BULK SHIPMENTS.

FOR MORE COMPLETE TRANSPORTATION REGULATORY INFORMATION PLEASE REFER TO THE SHIPPING DOCUMENTS ACCOMPANYING THE SHIPMENT OF THIS PRODUCT.

DOT CLASSIFICATION

PROPER SHIPPING NAME NOT APPLICABLE

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. REGULATORY INFORMATION**USA**

TSCA

All components are on the TSCA inventory.

SARA/TITLE III

CAS NUMBER

CONCENTRATION
(% by weight)

Contains no substances at or above the reporting threshold under Section 313.

CALIFORNIA PROPOSITION 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

Unless a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in trace amounts.

COMPONENT

CAS NUMBER

None reportable.

16. OTHER INFORMATION**HMIS® Hazard Ratings**

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
1	1	0

MSDS DATE

15-December-2008

FOR INFORMATION CONTACT:

Akzo Nobel Surface Chemistry LLC

Phone: 1-888-331-6212

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.