

CULL-TECH CHEMICALS, DBA CTC GROUP -- NMB-18 5C MIXED BED/ION EXCHANGE RESIN 003607
-- 6810-00-849-7811

===== Product Identification =====

Product ID:NMB-18 5C MIXED BED/ION EXCHANGE RESIN 003607

MSDS Date:08/31/1998

FSC:6810

NIIN:00-849-7811

Status Code:A

MSDS Number: CJMVV

=== Responsible Party ===

Company Name:CULL-TECH CHEMICALS, DBA CTC GROUP

Address:4110 COLUMBIA ROAD

City:LEBANON

State:OH

ZIP:45036

Country:US

Info Phone Num:513-336-6160

Emergency Phone Num:513-891-2219 / 513-336-6160

Resp. Party Other MSDS Num.:003607

Preparer's Name:ROBERT C. BOKON

CAGE:MO098

=== Contractor Identification ===

Company Name:C.T. CHEMICALS, INC./CULL-TECH CHEMICALS INC.

Address:4110 COLUMBIA ROAD

Box:City:LEBANON

State:OH

ZIP:45036-9588

Country:US

Phone:513-336-6160/459-9744

Contract Num:SP0450-99-M-NG89

CAGE:0CVK4

Company Name:CULL-TECH CHEMICALS, DBA CTC GROUP

Address:4110 COLUMBIA ROAD

Box:City:

LEBANON

State:OH

ZIP:45036

Country:US

Phone:513-336-6160

CAGE:MO098

===== Composition/Information on Ingredients =====

Ingred Name:BENZENE, DIETHENYL-, POLYMER WITH ETHENYLBENZENE AND
ETHENYLETHYLBENZENE, SULFONATED

CAS:69011-20-7

Ingred Name:BENZENE, DIETHENYL-, POLYMER WITH ETHENYLBENZENE AND
ETHENYLETHYLBENZENE, CHLOROMETHYLATED, TRIMETHYLAMINE-QUATERNIZED,
HYDROXIDE

CAS:69011-18-3

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Product Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NONE STATED.
Explanation of Carcinogenicity:NONE LISTED.
Effects of Overexposure:NONE STATED.
Medical Condition Aggravated by Exposure:FOREIGN PARTICULATE MATTER MAY
CAUSE MECHANICAL IRRITATION OF EYE.

===== First Aid Measures =====

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES
, CONSULT PHYSICIAN IF
IRRITATION PERSISTS.

===== Fire Fighting Measures =====

Flash Point:NONE
Autoignition Temp:=426.7C, 800.F
Extinguishing Media:CO2, DRY CHEMICAL, WATER FOG.
Fire Fighting Procedures:WEAR MSHA/NIOSH APPROVED, PRESSURE DEMAND SELF
CONTAINED BREATHING APPARATUS. TOXIC FUMES ARE RELEASED IN FIRE
SITUATIONS.
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:RESIN BEADS ON FLOOR MAY MECHANICALLY CAUSE
FLOOR TO BE SLIPPERY. SWEEP UP THE MATERIAL AND DISPOSE.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP MATERIAL DRY. AVOID PUNCTURING.
DO NOT OPEN TILL READY FOR USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE
Ventilation:NONE
Protective Gloves:NONE
Eye Protection:SAFETY GLASSES ANSI Z87.1
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1

Spec Gravity:(H2O=1) 1.26

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE TO DARK AMBER TO MAHOGANY COLORED SPHERICAL BEADS/AMINE ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH CONCENTRATED NITRIC ACID OR STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID TEMPERATURES OVER 428F.

Hazardous Decomposition Products:C

O2, STYRENE, DIVINYLBENZENE.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF THE MATERIAL AS ORDINARY TRASH.

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