

SAFETY DATA SHEET

1. Identification
Product number
Revision date

10458573
1702-58573
1702-58573
MID-AMERICAN RESEARCH
COLUMBUS, NE 68601 United States

Company phone
Emergency telephone US
Emergency telephone outside US

1-800-848-8885
1-520-820-4966

Version #
10-16-2015

Suppliers data
Recommended use

2. Hazard(s) identification
Physical hazards
Health hazards

Category 1
Category 2
Category 3
Specific target organ toxicity, single exposure
Specific target organ toxicity, repeated exposure
Asphyxiation hazard

Not classified.



3. Composition/information on ingredients
Common name and synonyms
CAS number
%
Toluene
108-88-3
40-60
Benzene
106-97-8
10-20
Dioxane Alcohol
123-42-2
2.5-10
Isopropyl Alcohol
67-63-3
2.5-10
Propene
74-89-9
2.5-10
Polyethylene gly
9005-77-8
1-2.5
Other components below reportable levels

4. First-aid measures
Inhalation
Skin contact
Eye contact
Ingestion
First-aid measures
Other components below reportable levels
*Designates first aid specific chemical toxicity and/or percentage of composition has been withheld as a trade secret.

5. Fire-fighting measures
Substance extinguishing media
Special protective equipment for firefighters
Fire-fighting instructions
Specific methods
General fire hazards

6. Accidental release measures
Personal precautions
Evacuation procedures
Environmental precautions
7. Handling and storage
Precautions for safe handling
Conditions for safe storage, including any incompatibilities

8. Exposure controls/personal protection
Occupational exposure limits
US, OSHA Table 2.4 Limits for Air Contaminants (29 CFR 1910.1000)
US, ACGIH Threshold Limit Values

9. Physical and chemical properties
Appearance
Physical state
Color
Melting point/freezing point
Initial boiling point and boiling range

10. Stability and reactivity
Reactivity
Stability
Incompatibility
Decomposition
Other information
Specific gravity

11. Toxicological information
Acute toxicity
Skin contact
Eye contact
Inhalation
Ingestion
Symptoms related to the toxicological effects
Information on toxicological effects
Acute toxicity
Skin contact
Eye contact
Inhalation
Ingestion

12. Other information
Hazardous to the aquatic environment, acute
Hazardous to the aquatic environment, chronic
Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

13. Other information
Hazardous to the aquatic environment, acute
Hazardous to the aquatic environment, chronic
Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

14. Other information
Hazardous to the aquatic environment, acute
Hazardous to the aquatic environment, chronic
Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

15. Other information
Hazardous to the aquatic environment, acute
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16. Other information
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18. Other information
Hazardous to the aquatic environment, acute
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19. Other information
Hazardous to the aquatic environment, acute
Hazardous to the aquatic environment, chronic
Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

district wide

US California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
 US - California Proposition 65 - CRT: Listed for development
 Version: 12/10/2015 Issue date: 06/30/2014

Inventory name	Inventory name	On Inventory (Inventory)?
Australia Inventory of Chemical Substances (AICS)	Australia	Yes
Domestic Substances List (DSL)	Canada	Yes
Non-Domestic Substances List (NDSL)	USA	Yes
European Inventory of Existing Commercial Chemical Substances (EINECS)	Europe	No
European List of Notified Chemical Substances (ELNCS)	Europe	Yes
European List of New Chemical Substances (ELNCS)	Europe	Yes
European Chemicals List (ECL)	Europe	Yes
Philippine Inventory of Chemicals and Chemical Substances	Philippines	Yes
Toxic Substances Control Act (TSCA) Inventory	United States & Puerto Rico	Yes

18. Other information, including date of preparation or last revision
 Issue date: 12-14-2015
 Version #: 05
 Disclaimer: Information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, and disposal practices. It is not intended to substitute for the material designed and may not be valid for each material used in combination with any other product. Information is provided in accordance with the requirements of the California Proposition 65.
 Product and Company Identification: Alkermes Trade Name

UN proper shipping name
 Class
 Transport hazard class(es)
 Packing group
 Environmental hazards
 Labeling requirements
 Special precautions for user
 Transport in bulk according to Annex II of MARPOL 72/78 and Code of Practice
 DOT

AEROSOLS
 2.1
 No applicable
 Yes
 Not available
 Road safety instructions, SDS and emergency procedures before handling.
 Not applicable.
 Not applicable.



General Information
 16. Regulatory Information
 This product is a Hazardous Chemical as defined by the OSHA Hazard Communication Act (29 CFR 1910.1200).
 TECA Section 320 Export Notification (40 CFR 707. Subpt. D)
 CERCLA Hazardous substance list (40 CFR 302.4)
 SARA 302 Extremely Hazardous substance
 SARA 311/312 Hazardous Chemical
 SARA 314 Emergency release notification
 OSHA 1910.1014-1015
 Not regulated.
 IATA: IMDG
 Marine pollutant

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Supplied ingredients and Resubstitution Act of 1986 (SARA)
 Hazard categories
 Not listed.
 SARA 302 Extremely Hazardous substance
 SARA 311/312 Hazardous Chemical
 SARA 314 (F) reporting
 SARA 317 (R)
 SARA 318 (D)
 SARA 319 (P)
 SARA 320 (X)
 Toluene
 CAS number 108-88-3
 % by wt. 40 - 60

Other federal regulations
 Toluene (CAS 108-88-3)
 Toluene (CAS 108-88-3)
 Clean Air Act (CAA) Section 112 (Accidental Release Prevention) (40 CFR 68.155)
 Safe Drinking Water Act
 Not regulated.
 Toluene (CAS 108-88-3)
 Toxics Substances Administration (TSA), List 2, Essential Chemicals (21 CFR 1310.620) and 1310.647(2) and Drug Enforcement Administration (DEA), List 1, 2, 3
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Test Results
 6605 - 7438 ppm, 6 Hours
 5320 ppm, 8 Hours
 5075 - 6261 ppm, 8 Hours
 257 mg/L, 4 Hours
 > 5000 mg/g

Estimates for product may be based on additional component data not shown.
 Specific hazard category: None
 Specific hazard category: None
 Specific hazard category: None
 Specific hazard category: None
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Component	Species	Test Results
Diacetyl	Acetone	420 mg/L, 88 hours
Diacetyl	Diacetyl	420 mg/L, 88 hours
Diacetyl	Diacetyl	100,000 mg/L, 72 hours
Diacetyl	Diacetyl	1,000 mg/L, 48 hours
Diacetyl	Diacetyl	> 140 mg/L, 88 hours
Diacetyl	Diacetyl	433,000 mg/L, 72 hours
Diacetyl	Diacetyl	7,646 mg/L, 48 hours
Diacetyl	Diacetyl	5.48 - 9.92 mg/L, 48 hours

13. Ecological Information
 Toxic to aquatic life with long lasting effects.
 Ecotoxicity
 Species
 LC50
 LC50
 LC50
 LC50
 LC50
 LC50

Test Results
 6.11 mg/L, 8 Hours

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