



AN IKONICS COMPANY

Chroma/Brade
Material Safety Data Sheet
Issued: 2/18/04
Supercedes: 7/19/01

Section I - Chemical Product and Company Identification

Manufacturers name IKONICS Corporation
Address 4832 Grand Avenue, Duluth, MN 55807
Telephone number 218 628-2217 Customer Service
Emergency phone number 800 424-9300 Chemtrec USA / 703/527-3887 International (collect)
Product name Chroma/Brade
Use Mesh abradar / degreaser gel. Aqueous dispersion of aluminum oxide and nonionic and anionic surfactants.

Section II – Hazardous Ingredients

<u>Ingredients</u>	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>VAPOR PSI</u>
There are no hazardous ingredients by reference to the O.S.H.A. Hazardous Communications Standard (29 CFR 1910.1200)	Not Applicable	-----	-----	-----	-----

Section III – Physical Data

Appearance Lemon scented, brown to gray viscous liquid.
Boiling point 100°C (212°F)
Weight (per gallon) 9.30 lb/gal.
Percent volatile (by wt) 82%
Solubility in water 100% Miscible
Evaporation rate Not Established
Vapor density Not Established
VOC Not Applicable

Section IV – Fire and Explosion Data

Flash point Not Applicable
Extinguishing media CO₂ , Water
Unusual fire & explosion hazards Containers may build up pressure due to steam generation if exposed to intense heat.
Special fire fighting procedures Direct water spray may cause excessive foaming.

Section V – Health Hazard Data

HMIS Codes 1-0-0-C Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4
Effects of overexposure
Eye contact No specific information available. May cause irritation.
Skin contact No specific information available. May cause irritation.
Inhalation No specific information available.
Ingestion No specific information available.
First aid emergency procedures
Eye Flush with plenty of water for at least 15 minutes and seek medical attention.
Skin Wash with soap and water, should irritation occur, seek medical attention.
Inhalation Remove to fresh air.
Ingestion Drink 2 glasses of water. Do not induce vomiting. If appreciable quantities are swallowed, seek medical attention.

Section VI – Reactivity Data

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	None
Incompatibility (materials to avoid)	None
Hazardous decomposition products	Carbon Monoxide & Carbon dioxide
Hazardous polymerization	May occur __ Will not occur <u>X</u>

Section VII – Spill or Leak Procedures

Spill cleanup instructions	Contain spills with absorbent material and dispose of saturated material in waste container.
Waste disposal method	Flush to sewer with water or dispose bulk in accordance with federal, state, and local laws. Use proper PPE when cleaning up a spill.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state, or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Section VIII – Control Measures / Personal Protection

Engineering controls	Ventilation – Local exhaust recommended but not required.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber gloves are recommended.
Eye	Goggles are recommended.
Respiratory	Not required.
Where contact may occur	Apron is recommended. Use the proper PPE.
Safety shower and eyewash	Should be available.

Section IX – Handling and Storage

Handling and storage information	None
Other precautions	Industrial use only. Keep out of reach of children. Do not take internally. Avoid splashing in eyes.

Section X – Regulation Information

DOT classification	Not a DOT controlled material (United States).
TSCA	All ingredients are listed chemicals in the TSCA registry.
California (Prop 65)	This product contains chemical(s) known to the State of California to cause cancer (c) or reproductive (r) damage. <0.00002% Acetaldehyde (c) 75-07-0 Listed April 1, 1988 <0.00002% Ethylene oxide (c) 75-21-8 Listed July 1, 1987 <0.00001% 1,4 Dioxane (c) 123-91-1 Listed January 1, 1988

Approved by: VP Technology, Toshi Komatsu 218 628-2217 ext.142

Notice to reader

(Approved by U.S. Department of Labor “Essentially Similar” to form OSHA-20)

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