

BRADY INDUSTRIES, LLC MATERIAL SAFETY DATA SHEET
PRODUCT: BRADY A/C
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MSDS Date: July 25, 2011
Emergency Contact: 1-800-424-9300

SECTION I

PRODUCT NAME: Brady A/C
CHEMICAL NAME: Sodium Thiosulfate Solution

DOT SHIPPING INFORMATION: Not DOT regulated

SECTION II - HAZARDOUS INGREDIENTS

This material contains no ingredients which are known by Brady Industries, LLC to be hazardous unless listed below.

HAZARDOUS MATERIAL	CAS NUMBER	w/w %	EXPOSURE LIMITS IN AIR
Sodium Thiosulfate	7722-98-7	20-60%	N/D

The specific identity of some ingredients may be withheld for confidential business purposes. However, all known potential health effects from exposure to these ingredients are being addressed.

SECTION III - HEALTH HAZARD DATA

NFPA HAZARD RATING

Health = 1
Flammability = 0
Reactivity = 0

Carcinogenic Listing:

NTP: No Components listed.

IARC MONOGRAPHS: No Components listed.

OSHA 29 CFR 1910: No Components listed.

ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

Contact Eyes: Can cause irritation.
Skin: Can cause irritation.

Ingestion Ingestion of large amounts can cause gastrointestinal irritation.

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STATEMENT OF PRACTICAL TREATMENT:

Contact	Eyes: Flush for at least 15 minutes with cool water. If irritation persists, consult a physician. Skin: Wash exposed area thoroughly with soap and water. If irritation persists, consult a physician.
Ingestion	If conscious, give several glasses of milk or water and induce vomiting. Obtain immediate medical attention.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT:

N/A

EXPLOSION:

N/A

FLAMMABLE LIMITS:

UEL: N/A

LEL: N/A

EXTINGUISHING MEDIA:

Use any media appropriate for surrounding fire.

SPECIAL FIRE-FIGHTING PROCEDURES:

When sodium thiosulfate decomposes it releases poisonous sulfur dioxide gas.

SECTION V - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

None normally required.

VENTILATION:

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to control exposure levels below airborne exposure limits. Dilution ventilation acceptable, but local mechanical exhaust ventilation preferred, if practical, at sources of air contamination such as open process equipment. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. Monitor carbon monoxide and oxygen levels in tank and enclosed spaces.

EYE PROTECTION:

Chemical goggles.

SKIN PROTECTION:

For hand protection, wear approved gloves made of nitrile or rubber. Thoroughly rinse the outside of gloves with water prior to removal. Inspect regularly for leaks.

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OTHER PROTECTIVE EQUIPMENT:

As needed to prevent contact with skin and eyes.

SECTION VI - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

Avoid contact with skin and eyes. Do not take internally. Store in a cool, dry area. Keep containers tightly closed. Keep out of reach of children.

SECTION VII - PHYSICAL DATA

MELTING POINT C (F):	Approx 0C (32F)	BOILING POINT C (F):	Approx 100C (212F)
DENSITY:	1.27	VAPOR PRESSURE (mmHg):	N/D
pH:	N/D	EVAPORATION RATE:	Similar to water
APPEARANCE AND ODOR:	Clear, colorless solution.		

SECTION VIII - REACTIVITY DATA

STABILITY:

This product is expected to be stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS OR MATERIALS TO AVOID:

Avoid contact with acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

When heated to decomposition product will release sulfur dioxide fumes.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Contain spill and ventilate area. Dike the liquid and recover as much as possible into drums. Flush the residue to the drains with plenty of water, if permitted by local, state and federal regulations

WASTE DISPOSAL METHOD:

Not an EPA hazardous waste. Dispose of at an approved landfill or waste disposal facility. Comply with all local, state and federal regulations

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ACGIH = American Conference of Governmental Industrial Hygienists

CL = Ceiling Level

IARC = International Agency for Research on Cancer: Monographs

OSHA = Occupational Safety and Health Administration

N/D = Not Determined

N/A = Not Applicable

NTP = National Toxicology Program: Annual Report on Carcinogens

PEL = Permissible Exposure Level (OSHA)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average over 8 Hours

This information is, to the best of our knowledge, accurate but may not be complete. BRADY INDUSTRIES, LLC furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.