

PRODUCT NAME: ABRO MASTERS Ice Remover With Scraper
PRODUCT NUMBER/SIZE: WD-300-AM-R

Revision Date: 5/12/15

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628
PRODUCT DESCRIPTION: Ice Remover
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec 800-424-9300/703-527-3887

SECTION 2 Hazards Identification

Classification:
Flammable liquids Category 2

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Highly Flammable liquid and vapor.

Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. In case of fire: Use Foam, CO2, powder, water spray/mist for extinction.

Storage / Disposal: Dispose in accordance with all local, state, government laws and regulations. Store in a well-ventilated place. Keep cool. Do not expose to temperatures exceeding 50°C/ 122°F.

Other: Keep out of reach of children.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Glycol	107-21-1	5-10
Ethanol	64-17-5	50-60
Isopropanol	67-63-0	6-10
Butane	106-97-8	15-20
Propane	74-98-6	8-15

SECTION 4 First Aid Measures

General:

Inhalation: Remove to fresh air. Give oxygen. Get medical help.

Ingestion: If swallowed seek immediate medical attention. Do not induce vomiting.

Eye Contact: Contact lenses should be removed. Irrigate copiously with fresh clean water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash with soap and water, or use a proprietary skin cleaner. Do not use solvents or thinners. If in doubt, seek medical advice.

SECTION 5 Fire Fighting Measures

Extinguishing media: Foam, CO₂, powder, water spray/mist

Special firefighting procedures: Fire exposed containers should be sprayed with water to lessen the risk of explosion.

Unusual fire and explosion hazards: Contents under pressure. At elevated temperature, container may vent, rupture, or burst violently.

SECTION 6 Accidental Release Measures

Exclude sources of ignition and ventilate area. Exclude non-essential personnel. Avoid breathing vapors. Refer to protective measures listed in sections 7 & 8. Contain and collect spillages with noncombustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth, and place in a suitable container for disposal in accordance with waste regulations (see section 13). Do not allow entering drains or watercourses. Clean preferably with a detergent. Avoid using solvents. If the product enters drains or sewers, the local water compact should be contacted immediately. In the case of contamination of streams, rivers or lakes the Environmental Agency.

SECTION 7 Handling and Storage

Use only in areas where all sources of ignition have been excluded.
Avoid skin and eye contact.
Avoid inhalation of vapor and spray mist.

Storage: Store in a cool, dry and well ventilated place away from sources of heat, ignition and direct sunlight. Store at temperature below 120°F.
Store separately from strong oxidizing agents, strong acids and strong alkalis.

SECTION 8 Exposure Controls/Personal Protection

No information available.

SECTION 9 Physical and Chemical Properties

Appearance	Colorless clear liquid
Odour	Alcohol
pH	6.0-7.0
Specific Gravity @ 20	0.813
Viscosity	11cst
Flammability Limit (in air, % by volume) LEL	N/A
Flammability Limit (in air, % by volume) UEL	N/A
Vapour Pressure @ 20	N/A

SECTION 10 Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Naked flames, red hot surfaces, other high temperatures
Incompatibility:	Avoid oxidizing agents, strong acids, strong alkalis
Hazardous decomposition products:	In fire: smoke, CO, CO ₂ .

SECTION 11 Toxicological Information

There is no data available on the product itself.

SECTION 12 Ecological Information

There is no data available on the product itself.

SECTION 13 Disposal Considerations

This container may be recycled in aerosol recycling centers when empty. **DO NOT PUNCTURE!** If recycling is not available, wrap the container and discard in the trash. Dispose of unusual product in accordance with all local, state government laws and regulations.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed

for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: UN1950
Proper shipping name: Aerosols, Flammable
Hazard class: 2.1
Packing Group:
Exceptions: May be shipped as a limited quantity or consumer commodity
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: UN1950
Proper shipping name: Aerosols, Flammable
Hazard class: 2.1
Packing Group:
Exceptions: May be shipped as a limited quantity
Environmental Hazards:
Transport in Bulk:
Special Precautions: **EMS Number:** F-D S-D S-U, **MFAG:** F-D S-D S-U

ICAO/IATA UN/ID Number: UN1950
Proper shipping name: Aerosols, Flammable
Hazard Class: 2.1
Packing Group:
Exceptions: May be shipped as a limited quantity or consumer commodity
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: UN1950
Proper shipping name: Aerosols, Flammable
Hazard class: 2.1
Packing Group:
Exceptions: May be reclassified as a limited quantity.
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR/RID) UN/ID Number: UN1950
Proper shipping name: Aerosols, Flammable
Hazard class: 2.1
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

No information available.

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable