



Safety Data Sheet

Meritz Plus

Section 1. Identification

Product Identifier	Meritz Plus		
Synonyms	MDS8840032; MDS8840128; MSD_SDS0149		
Manufacturer Stock Numbers	MDS8840032; MDS8840128		
Recommended use	Cleaner. Disinfectant. Deodorizer.		
Uses advised against	Use only as directed.		
Manufacturer Contact Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 3 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Warning

Pictogram



Hazard Statements

Causes serious eye irritation
Flammable liquid and vapor
May cause respiratory irritation; or May cause drowsiness or dizziness

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling.
Wear protective gloves/eye protection/face protection

Storage

Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container in accordance with all local, regional, national and international regulations.

Ingredients of unknown toxicity 1%

Hazards not Otherwise Classified

N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-63-0	Isopropyl alcohol	10% - 30%
111-76-2	2-Butoxyethanol	1% - 5%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation:

Not a normal route of exposure. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.
Ingestion:	May result in obstruction and irritation if ingested. If large amounts of liquid are swallowed seek medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
Most important symptoms and effects, both acute and delayed:	<p>Eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.</p> <p>Skin: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.</p> <p>Inhalation: Vapors may cause drowsiness and dizziness. May cause respiratory tract irritation.</p> <p>Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.</p>
Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water fog, carbon dioxide, dry chemical or alcohol foam.
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from Chemical:	Liquid absorbed onto wipe is flammable. Product will burn if exposed to fire. Products of combustion include but are not limited to: oxides of carbon.
Protective Equipment and Precautions for Firefighters:	Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	<p>Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.</p> <p>Environmental Precautions: See Section 12 for ecological information.</p>
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Methods and Material for Containment and Cleaning Up: Pick up large pieces, then place in suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Provide ventilation.

Section 7. Handling and Storage

Precautions for Safe Handling: Handling:
 Keep away from sources of ignition. No smoking. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools. Use only outdoors or in well-ventilated area.

General Hygiene Advice:
 Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

Conditions for Safe Storage, Including any Incompatibilities: Storage Conditions:
 Keep locked up and out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep cool.

Incompatible Materials:
 Oxidizers.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A
	2-Butoxyethanol	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	N/A

Personal Protective Equipment Goggles

Appropriate Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual Protection Measures: Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin and Body Protection: Wear suitable protective clothing.

Eye/Face Protection: Safety glasses are recommended when using product.

General Work/Hygienic Practices: Handle in accordance with good industrial

hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless liquid
Odor	Alcohol-like
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	0.97
Pounds per Cubic Foot	N/A
Flash Point	30°C (86° F)
FP Method	TCC
pH	7.6
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	Flammable
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions. May form flammable/explosive vapor-air mixture.
Possibility of Hazardous Reactions:	None under normal use.
Conditions to avoid:	Heat. Incompatible materials. Sources of ignition.
Incompatible Materials:	Oxidizers.
Hazardous Decomposition or Byproducts:	May include and are not limited to: oxides of carbon.

Section 11. Toxicological Information

Information on Toxicological Effects:	Likely Routes of Exposure: Inhalation, skin contact, eye contact, ingestion.
Information Related to Physical, Chemical, and Toxicological Effects:	See section 4 of this SDS.
Delayed-immediate effects, also chronic effects from short & long term exposure:	Carcinogenicity: NTP: No IARC: No OSHA: No
Numerical measures of toxicity:	Product: ATE (Oral): >2000 mg/kg, rat ATE (dermal): >2000 mg/kg, rabbit ATE (inhalation): >20 mg/l/4h
	Component Information: Chemical name: Isopropyl Alcohol CAS-No. 67-63-0 Oral LD50: 4396 mg/kg (rat) Dermal LD50: 12800 mg/kg (rat) Inhalation LC50: 72.6 mg/l/4h (rat)
	2-Butoxyethanol CAS-No. 111-76-2 Oral LD50: 470 mg/kg (rat) Dermal LD50: Not available Inhalation LC50: 450 ppm/4h (rat)

Section 12. Ecological Information

Ecotoxicity:	Not established.
Persistence and degradability:	Not established.
Bioaccumulative potential:	Not established.
Mobility in soil:	No additional information available.
Other adverse effects:	No additional information available.

Section 13. Disposal

See section 8 of this SDS for exposure controls and personal protection. Dispose of the product and container in accordance with all applicable local, state, and federal regulations. The generation of waste should be avoided or minimized whenever possible. Handle empty containers with care because residual vapors are flammable.

Section 14. Transport Information

UN Number	1987
UN Proper Shipping Name	Alcohols, n.o.s. (Isopropanol)
DOT Classification	3
Packing Group	III
IMDG - UN Number	1987
IMDG - UN Proper Shipping Name:	Alcohols, n.o.s. (Isopropanol)
IMDG - Hazard Class:	3
IMDG - Packing Group:	III
IATA:	DO NOT SHIP- Required testing has not been completed

Section 15. Regulatory Information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

Harmful if inhaled or absorbed through skin.

Causes moderate eye irritation.

Avoid breathing vapors, and contact with eyes, skin, or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Remove contaminated clothing and wash clothing before reuse.

Do not use or store near heat or open flame.

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	Isopropyl alcohol.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	Isopropyl Alcohol 2-BUTOXY ETHANOL
Massachusetts Right to Know Components:	2-BUTOXY ETHANOL
Pennsylvania Right to Know Components:	2-PROPANOL ETHANOL, 2-BUTOXY-
Rhode Island Right to Know Components:	isopropyl alcohol 2-Butoxyethanol

Section 16. Other Information

Revision Date

9/24/2019

Legend

N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information:

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.