

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name	:	METHOD DEODORANT - DAILY ZEN USA
Recommended use	:	
Restrictions on use	:	Use only as directed on label
Manufacturer, importer, supplier	:	Method Products PBC 1525 Howe Street Racine WI 53403-2236

Telephone	:	1-866-963-8433
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Emergency telephone number	:	24 Hour Medical Emergency Phone: (866)231-5406 24 Hour Transport Emergency Phone: (800)424-9300
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the classification criteria for any hazard class under OSHA regulation 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards	:	None identified
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Starch	9005-25-8	10.00 - 30.00
Paraffin waxes and Hydrocarbon waxes	8002-74-2	5.00 - 10.00
Refined Castor Oil	8001-79-4	5.00 - 10.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.methodproducts.com

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	:	No special requirements
Skin contact	:	No special requirements
Inhalation	:	No special requirements.
Ingestion	:	No special requirements

Most important symptoms and effects, both acute and delayed

Eyes	:	No adverse effects expected when used as directed.
Skin effect	:	No adverse effects expected when used as directed.
Inhalation	:	No adverse effects expected when used as directed.
Ingestion	:	No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Further information	:	Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Wash thoroughly after handling.
Environmental precautions	:	Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up	:	Sweep up and shovel into suitable containers for disposal. Clean residue from spill site.
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7. HANDLING AND STORAGE

Handling

Precautions for safe handling	:	Avoid contact with skin, eyes and clothing. For personal protection see section 8. KEEP OUT OF REACH OF CHILDREN AND PETS.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Starch	9005-25-8	10 mg/m ³	-	-	ACGIH TWA
Starch	9005-25-8	15 mg/m ³	-	-	OSHA TWA
Starch	9005-25-8	5 mg/m ³	-	-	OSHA TWA
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m ³	-	-	ACGIH TWA

Personal protective equipment

Respiratory protection	:	No special requirements.
Hand protection	:	No special requirements.
Eye protection	:	No special requirements.
Skin and body protection	:	No special requirements.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	:	white
Odour	:	characteristic
Odour Threshold	:	

pH	:	
Melting point/freezing point	:	
Initial boiling point and boiling range	:	
Flash point	:	
Evaporation rate	:	
Flammability (solid, gas)	:	
Upper/lower flammability or explosive limits	:	
Vapour pressure	:	
Vapour density	:	
Relative density	:	
Solubility(ies)	:	
Partition coefficient: n-octanol/water	:	
Auto-ignition temperature	:	
Decomposition temperature	:	
Viscosity, dynamic	:	
Viscosity, kinematic	:	
Oxidizing properties	:	
Volatile Organic Compounds Total VOC (wt. %)*	:	0.6 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations>
Other information	:	None identified

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
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Chemical stability	:	Stable under recommended storage conditions.
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Possibility of hazardous reactions	:	Stable under recommended storage conditions.
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Conditions to avoid	:	Direct sources of heat.
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Incompatible materials	:	None known.
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Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 > 5000 mg/kg
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Acute inhalation toxicity	:	LC50 3.1 mg/L
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Acute dermal toxicity	:	LD50 3099 mg/kg
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GHS Properties	Classification	Routes of entry
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Acute toxicity	No classification proposed	Oral
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Acute toxicity	No classification proposed	Dermal
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Acute toxicity	No classification proposed	Inhalation - Dust and Mist
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Acute toxicity	No classification proposed	Inhalation - Vapour
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Acute toxicity	No classification proposed	Inhalation - Gas
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Skin corrosion/irritation	No classification proposed	-
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Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition	:	None known.
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12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Starch	static test LC50 Measured	Fish	5,000 mg/l	96 h

Paraffin waxes and Hydrocarbon waxes	static test LC50 Read-across (Analogy)	Pimephales promelas (fathead minnow)	> 100 mg/l	96 h

Refined Castor Oil	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
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Starch	No data available			

Paraffin waxes and Hydrocarbon waxes	EC50 Read-across (Analogy)	Daphnid	> 10,000 mg/l	48 h
	semi-static test NOEC Read-across (Analogy)	Daphnia	10 mg/l	21 d

Refined Castor Oil	No data available			

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
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Starch	No data available			
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Paraffin waxes and Hydrocarbon waxes	NOEC Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	> 100 mg/l	72 h
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Refined Castor Oil	No data available			
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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
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Starch	No data available		Readily biodegradable.
Paraffin waxes and Hydrocarbon waxes	31 % Read-across (Analogy)	28 d	Not readily biodegradable.
Refined Castor Oil	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
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Starch	No data available	No data available
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Paraffin waxes and Hydrocarbon waxes	No data available	6.7
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Refined Castor Oil	No data available	No data available
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Mobility

Component	End point	Value
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Starch	No data available	
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Paraffin waxes and Hydrocarbon waxes		-
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Refined Castor Oil	No data available	
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PBT and vPvB assessment

Component	Results
Starch	Not fulfilling PBT and vPvB criteria
Paraffin waxes and Hydrocarbon waxes	Not fulfilling PBT and vPvB criteria
Refined Castor Oil	Not fulfilling PBT and vPvB criteria

Other adverse effects	:	None known.
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13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status	:	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
California Prop. 65	:	This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	0
Reactivity	0

NFPA Ratings

Health	0
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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