



SOLVANTAGE MP200

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 11/17/2022

Supersedes: 11/02/2020

Version: 4.1

SECTION 1: Identification

Identification

Product form : Substance
Substance name : SOLVANTAGE MP200
Product code : 304036

Recommended use and restrictions on use

Recommended use : Solvent

Supplier

Brulin
P.O. Box 270
Indianapolis, IN 46206 - USA
T 1.800.776.7149 / +1.317.923.3211 - F 317.925.4596
Regulatory@brulin.com - www.brulin.com

Emergency telephone number

Emergency number : CHEMTREC: 1.800.424.9300 or CHEMTREC (International)
1.703.527.3887

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

GHS US classification

Flammable liquids Category 4	Combustible liquid
Skin corrosion/irritation Category 2	Causes skin irritation
Serious eye damage/eye irritation Category 2B	Causes eye irritation
Aspiration hazard Category 1	May be fatal if swallowed and enters airways

GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US):

Danger

Hazard statements (GHS US):

Combustible liquid
May be fatal if swallowed and enters airways
Causes skin irritation
Causes eye irritation

Precautionary statements (GHS US)

Prevention:

Avoid breathing vapors, mist. Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands thoroughly after handling. Wear protective gloves, eye protection, face protection.

Response:

IF SWALLOWED: Immediately call a doctor. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: 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 eye irritation persists: Get

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Storage: medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use media other than water to extinguish.

Disposal: Store in a well-ventilated place. Keep cool.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

Name	Product identifier	Weight (%)
C12-14 ISOPARAFFIN	(CAS-No.) 68551-19-9	100

SECTION 4: First-aid measures

Description of first aid measures

First-aid measures general : Medical personnel should be made aware of substance(s) involved and take measures for self protection.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately. Call a poison center/doctor/physician if you feel unwell.

Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Mild eye irritation.

Symptoms/effects after ingestion : Risk of lung edema.

Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Water.

Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapors, mist.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

Control parameters

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Not applicable

Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

Individual protection measures/Personal protective equipment

Hand protection:

Chemically resistant protective gloves

Eye protection:

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Safety glasses with side shields. Goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
	: Colourless
	: mild Hydrocarbon
Odor threshold	: No data available
pH	: Not applicable
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 355 – 410 °F (179-210 °C)
Flash point	: ≥ 153 °F (67 °C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 0.85 mm Hg at 20C
Relative vapor density at 20 °C	: No data available
Relative density	: 0.7699 Specific gravity density
Density	: 6.416 lb/gal
Solubility	: Material insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: 230 °C (446°F)
Decomposition temperature	: No data available
Viscosity, kinematic	: 2.1 mm ² /s (@ 20°C)
Viscosity, dynamic	: No data available
Explosion limits	: 0.7 – 5.4 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available
VOC content	: 100 %

SECTION 10: Stability and reactivity

Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable under normal conditions.

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Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible materials

No additional information available

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified (Not on vendor SDS).

ATE US (oral)	>2,000 mg/kg body weight
ATE US (dermal)	>2,000 mg/kg body weight
ATE US (gases)	>20,000 ppm/4h
ATE US (vapors)	>20 mg/l/4h
ATE US (dust, mist)	>5 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: Not applicable
Serious eye damage/irritation : Causes eye irritation.
pH: Not applicable
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified (Not on vendor SDS).
STOT-repeated exposure : Not classified (Not on vendor SDS).
Aspiration hazard : May be fatal if swallowed and enters airways.
Viscosity, kinematic : 2.1 mm²/s (@ 20°C)
Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Mild eye irritation.
Symptoms/effects after ingestion : Risk of lung edema.

SECTION 12: Ecological information

Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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LC50 - Fish [1]	> 1000 mg/l (OECD 203 method)
EC50 - Other aquatic organisms [1]	> 3000 mg/l Acartia tonsa (48 hr)

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Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

US - DOT

Not regulated for transport

International shipping – IMDG

Not regulated for transport

International – IATA

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

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Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

C12-14 ISOPARAFFIN (68551-19-9)

Listed on the Canadian DSL (Domestic Substances List)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

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Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.