

Safety Data Sheet

Soybean Oil RBD with 200 ppm TBHQ and Methylsilicone

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **SoyBean Oil RBD with TBHQ and Methylsilicone**

Distributed By:
PVS NOLWOOD CHEMICALS, INC.
10500 Harper Avenue
Detroit, MI 48213
(313) 925-0300
PVS ITEM #: 16068 PVS SDS #: 5213
CONTROLLED DOCUMENT
IF STAMPED IN RED

Manufacturer or Supplier's Details: **Stuart Hale Company
4350 W. Ohio Street
Chicago, IL 60624
United States**

Emergency Telephone Number: **773-638-1800**
Poison Control Center: Consult local telephone directory for emergency number(s).

Use of the Substance: **Food Ingredient**

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview **Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this. The product contains no substances which at their given concentration, are considered to be hazardous to health.**

Appearance **Light yellow to dark yellow**

Physical State **Liquid**

Odor **Slight Vegetable Oil**

This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation: **Substance**
Chemical Family: **Oil**

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Non-Hazardous Components

Chemical Name	CAS-No	Weight	North American Hazard Indicator
Soybean Oil	8001-22-7	99-100	None Known

Also contains: TBHQ & Methylsilicone

SECTION 4. FIRST AID MEASURES

Description of first aid measures

General Advice

When symptoms persist or in all cases of doubt seek medical advice.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact

Wash off immediately with soap and plenty of water.

Inhalation

Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, call a physician.

Ingestion

No special measures required. Health injuries are not known or expected under normal use.

Most important symptoms and affects, both acute and delayed

Eyes

Not expected to pose health issues for the eye. Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.

Skin

Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". May cause irritation of respiratory tract. Health injuries are not known or expected under normal use. Over exposure may cause: Gastrointestinal disturbance.

Inhalation

Ingestion

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Flammable Properties

Material may pose fire hazard because it is dispersed (or spread) by water.

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Extinguishing Media

Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Hazardous Combustion Products

Thermal decomposition produces acrolein, Carbon monoxide (CO), Carbon dioxide (CO₂).

Specific Hazards Arising from the Chemical

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

No information available.

No information available.

Sensitivity to mechanical impact

Sensitivity to static discharge

Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Stability and Reactivity	Physical Hazard
0	1	0	None Known



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SECTION 6. ACCIDENTAL RELEASE MEASURE

Personal Precautions

Remove all sources of ignition. Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Try to prevent the material from entering drains or water courses.

Methods for Clean-up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly.

Other Information

Oil soaked materials may spontaneously combust

SECTION 7. HANDLING AND STORAGE

Handling:

Ensure adequate ventilation. Do not use pressure to empty drums.

Storage:

Store in well-ventilated place. Keep away from heat and sources of ignition.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	MEXICO	NIOSH
vegetable oil mist	TVL: 10 mg/m ³	TWA: 5 mg/m ³ mist, respirable fraction TWA: 15 mg/m ³ mist, total	TWA: 10 mg/m ³ except irritant oils	TWA: 10 mg/m ³ total mist TWA: 5 mg/m ³ respirable mist

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

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Personal Protective Equipment

Eye/Face Protection

If exposed to airborne mist, or if slashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

Skin and Body Protection

Oil resistant gloves are recommended. Appropriate body protections should be selected based on activity and possible exposure.

Respiratory Protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Light yellow to dark yellow

Physical State:

Liquid

Odor:

Slight Vegetable Oil

Odor Threshold:

No information available

Boiling Point:

No information available

pH:

No information available

Flash Point:

Approx. 321 °C / 610 °F

Autoignition Temperature

No information available

Boiling point

No information available

Melting/Freezing Point

Approx. -20 °C / -4 °F

Decomposition temperature

No information available

Oxidizing Properties

No information available

Water Solubility

Insoluble

Evaporation Rate

No information available

Vapor Pressure

No information available

Vapor Density

No information available

Specific Density/relative Density

Approx. 0.9

Partition Coefficient

No information available

(n-octanol/water)

SECTION 10. STABILITY AND REACTIVITY

Stability

This material is stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from open flames, hot surfaces and sources of ignition.

Incompatibility Materials

No materials to be especially mentioned.

Hazardous Decomposition Products

No information available.

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SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity	Based on available data, no evidence of acute toxicity.
Skin Corrosion/Irritation	Based on available data, not, or only slightly irritating.
Serious Eye Damage/ Eye Irritation	Based on available data, no evidence of serious eye damage/irritation.
Respiratory or Skin Sensitization	Based on available data, not expected to be a skin respiratory sensitizer.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.
Reproductive Toxicity	Based on available data, no evidence of reproductive toxicity.
STOT-Single Exposure	Based on available data, the classification criteria are not met.
STOT-Repeated Exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard	Based on available data, no known aspiration hazard.

Potential Health Effects

Eyes	Not expected to pose health issues for the eye. Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Skin	
Inhalation	Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". May cause irritation or respiratory tract.
Ingestion	Health injuries are not known or expected under normal use. Over exposure may cause: Gastrointestinal Disturbance.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Not classified for aquatic toxicity.

Persistence/Degradability No information available.

Mobility The product is insoluble and floats on water.

SECTION 13. DISPOSAL CONSIDERATIONS

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste Disposal Methods

Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.

Contaminated Packaging

Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

SECTION 14. TRANSPORT INFORMATION

Domestic Transport Regulations (USA)

DOT Not regulated

Domestic Transport Regulations (Canada)

DOT Not regulated

Domestic Transport Regulations (Mexico)

DOT Not regulated

International Transport Regulations

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

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SECTION 15. REGULATORY INFORMATION

International Transport Regulations

The components of this product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS ISHL	CHINA	PICCS	KECL	NZIoC
Soybean Oil	Yes	Yes	No	Yes 232- 274-4	No	Yes	No	Yes	Yes	Yes KE- 31818	Yes
Tert- Butylhydroquinone (TBHQ)	Yes	Yes	No	Yes Present	No	Yes	Yes Present	Yes	Yes	Yes Present	Yes

USA

Federal Regulations

Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

CERCLA/SARA 103-302

Sections 103-302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 103-302.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 63)

This product is not known to contain any HAPs.

State Regulations

State Right-to-Know

Component Information. No known components subject to "Right-To-Know" legislation in the following States: Massachusetts. Minnesota. New Jersey. Pennsylvania.

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CANADA

WHMIS Product Classification

Exempt: Food Product per Hazardous Products Act Part II Controlled Products Section 12.

WHMIS Ingredient Disclosure List IDL

No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

Component Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. This product has not yet been fully evaluated and classified for Canada.

MEXICO

Mexico - Grade Slight risk, Grade 1

SECTION 16. OTHER INFORMATION

For Copy of (M)SDS:

Stuart Hale Company
4350 W. OHIO ST
Chicago IL 60624
United States
773-638-1800
Fax 773-638-1888

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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