



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Basal Oil Blue

SECTION 1: Identification

GHS Product identifier

Product name	Hi-Yield Basal Oil Blue
Product number	31032
Brand	Hi-Yield

Recommended use of the chemical and restrictions on use

Adjuvant diluents

Supplier's details

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA
Telephone	855-270-4776

Emergency phone number

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

- Eye damage/irritation, Cat. 2A

GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

Hazard statement(s)

H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation

Precautionary statement(s)

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P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with Federal, State and local regulations.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Paraffin oil (CAS no.: 8012-95-1)	80 - 99 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Trade secret	1 - 5 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.
If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.
In case of skin contact	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. If eye irritation persists: Get medical advice or attention.
If swallowed	Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

No information available.

Indication of immediate medical attention and special treatment needed, if necessary

No information available.

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SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, dry chemical, and chemical foam or water fog.

Specific hazards arising from the chemical

Combustion may produce carbon monoxide and asphyxiates.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus when fire fighting in confined space.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

No information available.

Methods and materials for containment and cleaning up

Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 7: Handling and storage

Precautions for safe handling

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Avoid breathing fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye and face protection.

Conditions for safe storage, including any incompatibilities

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies.

STORE BETWEEN 40° AND 90° F.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Paraffin oil (CAS: 8012-95-1)

PEL (Inhalation): 5 mg/m³; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants (Title 8, Article 107)

TWA (Inhalation): 5 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

TWA (Inhalation): 5 mg/m³; USA (NIOSH)

USA. NIOSH Recommended Exposure Limits

ST (Inhalation): 10 mg/m³; USA (OSHA)

USA. NIOSH Recommended Exposure Limits

TWA (Inhalation): 5 mg/m³; USA (ACGIH)

USA. ACGIH Threshold Limit Values (TLV)

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PEL [Oil mist, mineral] (Inhalation): 5 mg/m³; US (US/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL [Oil mist, mineral] (Inhalation): 5 mg/m³ (excluding vapor); US (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL [Oil mist, mineral] (Inhalation): 5 mg/m³, (ST) 10 mg/m³; US (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

Appropriate engineering controls

Normal room ventilation (mechanical) or outdoor use should be satisfactory.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side shield.

Skin protection

Chemical gloves, long-sleeved shirts and pants.

Body protection

Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

Respiratory protection

Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Blue tinted liquid
Odor	Mild
Odor threshold	Not known
pH	Unknown
Melting point/freezing point	Unknown
Initial boiling point and boiling range	Unknown
Flash point	>210°F
Evaporation rate	Unknown
Flammability (solid, gas)	Unknown
Upper/lower flammability or explosive limits	Unknown
Vapor pressure	Unknown
Vapor density	Unknown
Relative density	.87
Solubility(ies)	Dispersible
Partition coefficient: n-octanol/water	Unknown
Auto-ignition temperature	Unknown
Decomposition temperature	Unknown
Viscosity	Unknown

Additional properties

Physical state	Liquid
Color	Blue

SECTION 10: Stability and reactivity

Reactivity

No information available.

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Chemical stability

Stable.

Possibility of hazardous reactions

No information available.

Conditions to avoid

Excessive heat.

Incompatible materials

Paraffin oil: Strong oxidizing agents

Hazardous decomposition products

Combustion may produce carbon monoxide and asphyxiates.

Paraffin oil: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Trade secret

LD50 Oral - Rat - > 5000 mg/kg

White mineral oil

LD50 Skin - Rabbit - >2,000 mg/kg

LD50 Inhalation - Rat - 5 mg/l - 4 h

LD50 Oral - Rat - >5,000 mg/kg

Result: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

LC50 - Oncorhynchus mykiss (rainbow trout) - >100 mg/l - 96 h

LC50 - Daphnia magna (water flea) - >100 mg/l - 48 h

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

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Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

White mineral oil

LC50 - *Oncorhynchus mykiss* (rainbow trout) - >100 mg/l - 96 h

LC50 - *Daphnia magna* (water flea) - >100 mg/l - 48 h

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste

disposal facility in accordance with all local, regional, national and international regulations.

Packaging disposal

Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: Mineral oil (highly refined)

CAS number: 8012-95-1

US EPA TSCA public inventory

Chemical name: Paraffin oils

CAS number: 8012-95-1

Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Oil mist, mineral

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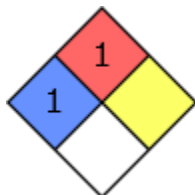
CAS number: 8012-95-1

Asterisk: no; Refs: 2,4

Toxic Substances Control Act (TSCA) Inventory

Product name: Hi-Yield Basal Oil Blue

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.