



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Crop Oil Concentrate

SECTION 1: Identification

GHS Product identifier

Product name	Hi-Yield Crop Oil Concentrate
Product number	31041
Brand	Hi-Yield

Recommended use of the chemical and restrictions on use

Adjuvant oil

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

General hazard statement

Not a hazardous substance or mixture.

Classification of the substance or mixture

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

GHS label elements, including precautionary statements

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P233	Keep container tightly closed.
P234	Keep only in original container.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Safety Data Sheet

Hi-Yield Crop Oil Concentrate

P301+P330+P331
P302+P352
P304+P340

P305+P351+P338

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Petroleum based lubricating oil (CAS no.: 64742-58-1)	80 - 90 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Trade secret	10 - 20 %
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	If breathing is difficult, remove person 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 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

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, dry chemical powder, chemical foam or waterfog

Safety Data Sheet

Hi-Yield Crop Oil Concentrate

Specific hazards arising from the chemical

Burning decomposition or combustion products may be toxic. Empty containers may retain residue and may be dangerous. Heated containers may rupture.

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. Wash hands thoroughly after handling. Use personal protective equipment as required.

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. For optimal storage, store between 40° and 90°F.

SECTION 8: Exposure controls/personal protection

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

Chemical goggles and face shield

Skin protection

Hydrocarbon resistant 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

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

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)
Odor

Clear to amber liquid
Mild

Safety Data Sheet

Hi-Yield Crop Oil Concentrate

Odor threshold	No information available
pH	No information available
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	>200°F
Evaporation rate	No information available
Flammability (solid, gas)	Can burn
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	.87
Solubility(ies)	No information available
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

Additional properties

Physical state	Liquid
Color	Clear to amber

SECTION 10: Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable.

Possibility of hazardous reactions

Combustion may produce carbon monoxide and asphyxiants.

Conditions to avoid

Avoid intense heat, sparks or flame.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Combustion may produce carbon monoxide and asphyxiants.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50 Acute oral toxicity >5050mg/kg (Rat)

LD50 Acute dermal toxicity >5050mg/kg (Rabbit)

Acute eye Irritation (Rabbit) score of 6 at 1 hr., 0 at 24 hours and beyond effects cleared in 7 days

Acute Dermal irritation (Rabbit) 0.6 out of 8.0 based on a 72 hour observation, slightly irritating.

Skin corrosion/irritation

No information available

Serious eye damage/irritation

No information available

Safety Data Sheet

Hi-Yield Crop Oil Concentrate

Respiratory or skin sensitization

No information available

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

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

No data available.

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 federal, state and local 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

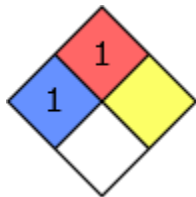
US EPA TSCA public inventory

Chemical name: Lubricating oils (petroleum), hydrotreated spent
CAS number: 64742-58-1

Safety Data Sheet

Hi-Yield Crop Oil Concentrate

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

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