

Printing date: 04/09/2014

Reviewed on: 04/09/2014

1 Identification

Product identifier

Trade name: **Agri-Pure® 75 Oil**

SAP Material No.: 100088903

Application of the substance / the mixture: Industrial use.

Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Cargill, Incorporated
Cargill Industrial Specialties
9320 Excelsior Blvd.
Hopkins, MN 55343
Tel: 1-952-984-9122

E-mail: CIS_CustomerService@Cargill.com

Emergency telephone number: 1-800-255-3924 (ChemTel)



2 Hazard(s) identification

Classification of the substance or mixture

The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

Label elements

GHS label elements: Not Regulated

Hazard pictograms: Not Regulated

Signal word: Not Regulated

Hazard-determining components of labeling: None.

Hazard statements: Not Regulated

Additional information: No additional information.

Hazard description

WHMIS-symbols: Not hazardous under WHMIS.

Classification system

NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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3 Composition/information on ingredients

Chemical characterization: Mixture.

Description: High oleic vegetable oil blend

Hazardous components: None in reportable quantities.

4 First-aid measures

Description of first aid measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Clean with water and soap.

If skin irritation continues, consult a doctor.

After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

Most important symptoms and effects, both acute and delayed:

Gastric or intestinal disorders when ingested.

Slight irritant effect on eyes.

Danger: None.

Indication of any immediate medical attention and special treatment needed:

No available information.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

Foam

Fire-extinguishing powder

Carbon dioxide

Gaseous extinguishing agents

For safety reasons unsuitable extinguishing agents: Water

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information: No available information.

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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

- Use respiratory protective device against the effects of fumes/dust/aerosol.
- Wear protective equipment. Keep unprotected persons away.
- Particular danger of slipping on leaked/spilled product.
- Ensure adequate ventilation.

Environmental precautions:

- Do not allow to enter sewers/ surface or ground water.
- Prevent from spreading (e.g. by damming-in or oil barriers).

Methods and material for containment and cleaning up:

- Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
- Send for suitably qualified recovery and/or disposal companies.
- Dispose of the collected material according to regulations.
- Remove from the water surface (e.g. skim or suction off).
- Pick up mechanically.

Reference to other sections:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

7 Handling and storage

Precautions for safe handling:

- Prevent formation of aerosols.
- Avoid splashes or spray in enclosed areas.
- Store in cool, dry place in tightly closed containers.

Information about protection against explosions and fires:

- No available information.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and containers:

- Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility: Store away from oxidizing agents.

Further information about storage conditions: None.

Specific end use(s): No available information.

8 Exposure controls/personal protection

Additional information about design of technical systems: No available information.

Control parameters

Components with limit values that require monitoring at the workplace:

- These components may be present

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Vegetable Oils

PEL (USA)	Short-term value: 15* 5** mg/m ³ *Total **Respirable fraction
OEL (Canada)	Short-term value: 10* 3** mg/m ³ *Total **Respirable fraction

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Immediately remove all soiled and contaminated clothing.
Do not eat, drink, smoke or use smokeless tobacco products while working.

Breathing equipment:

Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
For spills, respiratory protection may be advisable.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product. Selection of the glove material should be based on the penetration time, rates of diffusion and the degradation of the glove material. Wear protective gloves to handle contents of damaged or leaking units.

Material of gloves:

The selection of a suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.

For long term contact, gloves made of the following materials are considered suitable:

Butyl rubber, BR
Nitrile rubber, NBR
Neoprene gloves

Eye protection:



Safety glasses

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Body protection:

Not required under normal conditions of use.
Protection may be required for spills.

Limitation and supervision of exposure into the environment: No special requirements.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Color:	Yellow.
Odor:	Mild.
Odor threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.

Flash point: >260 °C / >500 °F

Flammability (solid, gaseous): Not applicable.

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto igniting: Not determined.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits

Lower:	Not determined.
Upper:	Not determined.

Vapor pressure: Not determined.

Density at 20 °C (68 °F): 0.91 - 0.92 g/cc

Relative density: Not determined.

Vapor density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with

Water:	Not miscible or difficult to mix.
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Partition coefficient (n-octanol/water): Not determined.

Viscosity

Dynamic:	Not determined.
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Kinematic:	Not determined.
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Other information:	No additional information.
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10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions:

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

Reacts with strong oxidizing agents.

Reacts with strong alkali.

Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid: Store away from oxidizing agents.

Incompatible materials: No available information.

Hazardous decomposition products: Carbon monoxide and carbon dioxide.

11 Toxicological information

Information on toxicological effects

Acute toxicity

Primary irritant effect:

On the skin: No irritant effect.

On the eye: Slight irritant effect on eyes.

Sensitization: No sensitizing effects known.

Additional toxicological information:

This substance is not classified according to internally approved calculation for mixtures. When used and handled according to specifications, the product does not have any harmful effects.

Carcinogenic categories

NTP (National Toxicology Program):

Substance is not listed.

Repeated Dose Toxicity: Repeated exposure may cause skin dryness or cracking.

12 Ecological information

Toxicity

Aquatic toxicity: No available information.

Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: Does not accumulate in organisms

Mobility in soil: No available information.

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Ecotoxical effects: No additional information.

Additional ecological information

General notes: Not known to be hazardous to water.

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage to the environment is unlikely.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No available information.

13 Disposal considerations

Waste treatment methods

Recommendation:

Contact waste processors for recycling information.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to all the applicable regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to the applicable regulations.

Recommended cleansing agent: Water. Use cleansing agents if necessary.

14 Transport information

UN-Number

DOT, ADR, ADN, IMDG, IATA: Not Regulated

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA: Not Regulated

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA
Class: Not Regulated

Packing group

DOT, ADR, IMDG, IATA: Not Regulated

Environmental hazards

Marine pollutant: No

Special precautions for user:

Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code: Not applicable.

UN "Model Regulation": -

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15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture.
SARA

Section 355 (extremely hazardous substances):
Substance is not listed.

Section 313 (Specific toxic chemical listings):
Substance is not listed.

TSCA (Toxic Substances Control Act):
Substance is listed.

Proposition 65 (California)

Chemicals known to cause cancer:
Substance is not listed.

Chemicals known to cause reproductive toxicity for females:
Substance is not listed.

Chemicals known to cause reproductive toxicity for males:
Substance is not listed.

Chemicals known to cause developmental toxicity:
Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency):
Substance is not listed.

IARC (International Agency for Research on Cancer):
Substance is not listed.

TLV (Threshold Limit Value established by ACGIH):
Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):
Substance is not listed.

State Right to Know Listings:
Substance is not listed.

Canadian substance listings

Canadian Domestic Substances List (DSL):
Not all ingredients listed. Consult Cargill for additional information.

Canadian Ingredient Disclosure list (limit 0.1%):
Substance is not listed.

Canadian Ingredient Disclosure list (limit 1%):
Substance is not listed.

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16 Other information

Date of preparation / last revision: 04/09/2014

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG: International Maritime Code for Dangerous Goods.
DOT: US Department of Transportation.
IATA: International Air Transport Association.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
ACGIH: American Conference of Governmental Industrial Hygienists.
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
WHMIS: Workplace Hazardous Materials Information System (Canada).
DNEL: Derived No-Effect Level (REACH).
PNEC: Predicted No-Effect Concentration (REACH).

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