



PRODUCTION SERVICES

Issue date 14-Aug-2019

Safety Data Sheet

Revision date 08-Feb-2021

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name Extract Exact ESP 460 EP

Other means of identification

Product code 0921

Recommended use of the chemical and restrictions on use

Recommended use See PDS for details.

Uses advised against See PDS for details.

Supplier's details

Supplier Address

Extract Production Services
1336 N 143rd E. Ave
Tulsa, OK 74116

Emergency telephone number

Company Emergency Phone Number 9189386828

2. HAZARDS IDENTIFICATION

Classification

This material is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

Emergency Overview

Appearance clear liquid	Physical state liquid	Odor mild
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Hazards not otherwise classified (HNOC)

Other information

1% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact	Flush immediately with plenty of water. If irritation develops, get medical attention.
Skin contact	Wash off immediately with plenty of water. If skin irritation persists, call a physician.
Inhalation	At ambient handling temperatures, minimal or no irritation due to inhalation of vapor/mist is expected.
Ingestion	Immediate medical attention is not required. Seek medical attention if discomfort occurs.

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

Notes to physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

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

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Smoke, Fumes and Oxides of Carbon.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions	Ensure adequate ventilation.
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Environmental precautions

Environmental precautions	Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
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Methods and materials for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. This material is a static accumulator.
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Conditions for safe storage, including any incompatibilities

Technical measures and storage	Do not store in open or unlabelled containers.
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conditions

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines .

Exposure controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Skin and body protection Handle in accordance with good industrial hygiene and safety practice. No special protective equipment is ordinarily required.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	liquid		
Appearance	clear liquid	Odor	mild
Color	Clear to light amber	Odor threshold	

<u>PROPERTY</u>	<u>Values</u>	<u>Remarks</u> •
PH	N/D	
Boiling point/boiling range	N/D	
Flash point	= 461 °F	PMCC
Pour point	-39C	
Specific gravity	0.842	
Water solubility	Negligible	
Solubility in other solvents	N/D	
Autoignition temperature	N/D	
Kinematic viscosity	460 cSt	
Dynamic viscosity	N/D	

Other information

VOC content (%)

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

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

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	No adverse effects expected.
Eye contact	May cause temporary eye irritation.
Skin contact	No adverse effects expected.
Ingestion	No adverse effects expected.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic effects	No known significant effects or critical hazards.
Carcinogenicity	
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity	1% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .	
ATEmix (oral)	27,783.00
ATEmix (dermal)	10,005.00
ATEmix (inhalation-dust/mist)	5.93
LC50 Inhalation:	>5000 mg/m ³

12. ECOLOGICAL INFORMATION**Ecotoxicity**

98% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

Expected to biodegrade slowly.

Bioaccumulation

No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Disposal methods It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not refill or reuse empty containers. Empty drums should be drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
IECSC	Complies
KECL	Does not comply
PICCS	Complies
AICS	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazard Categories

Acute Health Hazard

No

Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42): Naphthalene

CERCLA

This material, as supplied, contains a substance regulated as hazardous under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): Naphthalene RQ 100 lbs

U.S. State Regulations**California Proposition 65**

This product contains Naphthalene which is known to the state of California to cause cancer.

U.S. State Right-to-Know Regulations**16. OTHER INFORMATION**

<u>NFPA</u>	Health hazard 0	Flammability 1	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health hazard 0	Flammability 1	Physical hazard 0	Personal protection X

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Revision note

No information available

Disclaimer

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 a 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.

End of Safety Data Sheet