



Safety Data Sheet

1. Identification

Product identifier	Wisear Select Berry
Other means of identification	Wisear Select Berry Ready To Use
Product Code	None
Recommended use	Deodorizer
Recommended restrictions	None known
Manufacturer	West Sanitation Services, Inc.
Address	2158 Beaumont Dr - Baton Rouge, LA 70806
Telephone	General Assistance 225-302-5570
Emergency phone number	CHEMTREC: 800-424-9300

2. Hazards identification

Classification acc. to OSHA "Hazard communication Standard" (29 CFR 1910.1200)

Flammable liquids	Flammable liquids 4	H227
Skin Sensitization	Sensitization, skin1B	H317
Germ Cell Mutagenicity	Muta. 1B.	H340
Carcinogenicity	Carc. 1A.	H350
Aspiration hazards	Asp.Tox.1	H304

The product is combustible and can be ignited by potential ignition sources

Additional information

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Label elements



Signal word Danger

Hazard statement

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways

H317 May Cause an allergic skin reaction
H340 May Cause genetic defects
H350 May Cause cancer.

Precautionary statement

Prevention

P201 Obtain special instructions before use.
P280 Wear protective gloves/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
P308+P313 If exposed or concerned: Get medical advice/attention.
P331 Do NOT induce vomiting.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

Hazardous ingredients for labeling

Naphtha(petroleum), heavy alkylate, Distillates (petroleum), hydro-treated light, ethyl 2, 3-Epoxy-3-phenylbutyrate.

Hazard(s)not otherwise classified (HNOC)

Supplemental information

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity – acute and chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3. Composition /information on ingredients

Chemical name	CAS No	%
Distillates (petroleum), hydro- treated light	64742-47-8	75 - < 90
ethyl 2, 3-Epoxy-3-phenylbutyrate.	77-83-8	5 - < 10
Naphtha (petroleum), heavy al-kylate	64741-65-7	5 - < 10
Isopropyl alcohol	67-63-0	1 - < 5
Benzyl alcohol	100-51-6	1 - < 5
Ethyl butyrate	100-54-4	<1
Cis-hex-3-en-1-ol	928-96-1	<1
Ethyl 2-methylbutanoate	7452-79-1	<1
Ethyl isovalerate	108-64-5	<1

4. First-aid measures

Inhalation

If breathing is irregular or stopped, immediately seek medical assistance and

start first aid actions. Provide fresh air.

Skin contact

Wash with plenty of soap and water.

Eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a physician immediately.

Most important symptoms/effects, acute and delayed

Symptoms and effects are not known to date

Indication of immediate medical attention and special treatment needed

None

5. Fire-fighting measures

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

Specific hazards arising from the chemical

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

Firefighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Methods and material for containment and cleaning up:

Advices on how to contain a spill
Covering of drains
Advices on how to clean up a spill
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder
Appropriate containment techniques
Use of adsorbent materials.
Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.

Environmental precautions:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

7. Handling and storage:

Precautions for safe handling:

Measures to prevent fire as well as aerosol and dust generation
Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches.
Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage, including any incompatibilities

Managing of associated risks
Explosive atmospheres
Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Control of the effects

Protect against external exposure, such as
Heat, High temperatures

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibles

Only packaging which are approved (e.g. acc. to the dangerous goods regulations) may be used.

8. Exposure controls/personal protection

Occupational exposure limits

Chemical Name	Identifier	TWA(ppm)	TWS(mg/m3)
Isopropyl (67-63-0) alcohol	PEL	400	980

Appropriate engineering Controls

General Ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear eye /face protection.

Skin protection

Hand protection:

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak- tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves

Other

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9. Physical and Chemical Properties

Appearance

Physical state

Color

Clear

Odor

Pleasant

pH

Non-determined

Melting point/freezing point

Non-determined

Initial boiling point and boiling range

Non-determined

Flash point

Non-determined

Evaporation rate	Non-determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limit	Non-determined
Vapor pressure	Non-determined
Vapor density	Not available.
Density	0.84 g/ml
Solubility	Non-determined
Partition coefficient	Non-determined
Auto-ignition temperature	Non-determined
Viscosity	Non-determined
Explosive properties	None
Oxidizing properties	None.

10. Stability and Reactivity

Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition.

Chemical stability

See below "Conditions to avoid"

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition Sources. No Smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-Sparking tools. Take precautionary measures against static discharge.

Incompatible materials: Oxidizers.

Hazardous decomposition products:

Reasonably anticipated hazardous decomposition products produced as result of use, storage, spill and heating are not known. Hazardous combustion products.

See section 5

11. Toxicological Information

Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (addictivity formula)

Acute toxicity	Shall not be classified as acutely toxic.	
Components	Species	Test Results
ethyl 2, 3-Epoxy-3-phenylbutyrate.		
(77-83-8)		
Dermal		
LD50	rat	>2000 mg/ kg

Cis-hex-3-en-1-ol (928-96-1)

Oral

LD50 rat 4,615 mg/ kg

Inhalation:

Dust/mist

LC50 rat >4.99 mg/l/4H

Ethyl 2-methylbutanoate (7452-79-1)

Oral

LD50 rat >2,000 mg/kg

Inhalation:

Dust/mist

LC50 rat >5.967 mg/l/4H

Dermal

LD50 rat >2000 mg/ kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell Mutagenicity

May cause genetic effects

Carcinogenicity

May cause cancer.

IARC Monographs on the evaluation of carcinogenic risk to humans.

Isopropyl alcohol (67-63-0) , Classification 3, Volume 15, Sup7,71**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

12. Ecological Information**Aquatic toxicity (acute) of components of the mixture**

Chemical Name	End Point	Value	Species
ethyl 2,3-epoxy-3-phenylbutyrate (77-83-8)	LC50	4.2 mg / l 96h	fish
	EC50	52 mg / l 48h	aquatic invertebrates
	ErC50	36 mg / l 72h	algae
isopropyl alcohol (67-63-0)	LC50	10,000 mg / l 96h	fish
benzyl alcohol (100-51-6)	LC50	770 mg / l 48h	fish
benzyl alcohol (100-51-6)	EC50	230 mg / l 48h	aquatic invertebrates

cis-hex-3-en-1-ol (928-96-1)	LC50	>100 mg / l	96h	fish
cis-hex-3-en-1-ol (928-96-1)	EC50	>100 mg / l	48h	aquatic invertebrates
cis-hex-3-en-1-ol (928-96-1)	ErC50	>76 mg / l	72h	algae
Ethyl 2-methylbutyrate (7452-79-1)	LC50	>100 mg / l	96h	fish
Ethyl 2-methylbutyrate (7452-79-1)	Erc50	>100 mg / l	72h	algae

Aquatic toxicity (chronic) of components of the mixture

ethyl 2,3-epoxy-3-phenylbutyrate(77-83-8)	EC50	95 mg / l		aquatic invertebrates
isopropyl alcohol (67-63-0)	LC50	>10,000 mg / l		aquatic invertebrates
benzyl alcohol (100-51-6)	LC50	770 mg / l		fish
benzyl alcohol (100-51-6)	EC50	66 mg / l		aquatic invertebrates
Ethyl 2-methylbutyrate (7452-79-1)	EC50	22.53 mg / l		aquatic invertebrates

Persistence and degradability

Data are not available

Bioaccumulative potential

Data are not available

Mobility in soil

Data are not available

Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed

13. Disposal considerations

Disposal instructions

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

14. Transport information

UN Number

1993


UN Proper Shipping Name

Flammable liquid, n.o.s

Transport Hazard Classes


Class	3(Flammable liquid)
Packaging Group	III (substance presenting low danger)
Environmental Hazards	Non environment hazardous acc. to the dangerous goods regulations.
Special precautions for users	There is no additional information
Transport in bulk according to the IBC Code:	Annex II of MARPOL and The cargo is not intended to be carried in bulk.

(DOT)

Index number	1993	
Proper shipping name	Flammable liquid, n.o.s.	
Particulars in the UN3082, shipper's declaration	UN1993, Flammable liquid, n.o.s 3,III	
Class	3	
Packing group	III	
Danger label(s)	3	

Special provisions (SP)	B1,B52,IB3,T4,TP1,TP29
ERG No	128

IMDG

UN number	1993	
Proper shipping name	Flammable liquid, n.o.s.	
Particulars in the shipper's declaration	UN1993, Flammable liquid, n.o.s. (Oils, petitgrain, solution)3,III,>23°C c.c.	
Class	3	
Packing group	III	
Danger label(s)	3	

Special provisions (SP)	223,247,955
Excepted quantities(EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-E, S-E
Stowage category	A

IATA

UN number	1993
Proper shipping name	Flammable liquid, n.o.s.
Particulars in the shipper's declaration	UN1993, Flammable liquid, n.o.s. 3,III
Class	3
Packing group	III

Danger label(s)	3
Special provisions(SP)	A3,274
Excepted quantities(EQ)	E1
Limited quantities(LQ)	10 L

15. Regulatory Information

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

SARA TITLE III (Superfund Amendment and Reauthorization Act)

- List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313)

Isopropyl alcohol (67-63-0) – Only persons who manufacture by the strong acid process are subject , no supplier notification.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

- Section 102(A) Hazardous Substances (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

New Jersey worker community right to know act N.J.S.A 34:5A-1et.esq

Ethyl butyrate (105-54-4) - CO, F3

Isopropyl alcohol (67-63-0) - F3

California Environmental Protection Agency (Cal/EPA): Proposition 65

Chemicals known to the State to cause cancer or reproductive toxicity

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long term) health effects may result from repeated overexposure.
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protective equipment	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special Hazard		

16. Other Information, including date of preparation or last revision

Issue date 1-30-2017

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