

# NUTS OFF

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	NUTS OFF
Product Code	SP-075516

#### Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Solvent/Lubricant
Uses Advised Against	None
Company Identification	Spray Products Corporation P.O. Box 737 Norristown, PA 19404

Telephone	(610) 277-1010
Fax	(610) 277-4390
E-Mail (competent person)	<a href="mailto:johnd@sprayproducts.com">johnd@sprayproducts.com</a>

#### Emergency telephone number

Emergency Phone No.	<b>Transportation Emergency:</b> CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
---------------------	---

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 2; Compressed dissolved gas; Asp. Tox.1; STOT SE 3; Carc. 2; Skin Irrit. 2; Eye Irrit 2

#### Label elements

Hazard Symbol



**WARNING**

Signal word(s)

Hazard Statement(s)

Flammable aerosol  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.  
May cause drowsiness and dizziness.  
Suspected of causing cancer.  
Causes skin irritation.  
Causes serious eye irritation.

Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Do not spray on an open flame or other ignition source.  
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use only outdoors or in a well-ventilated area.

# NUTS OFF

Avoid breathing vapours.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash thoroughly with soap and water after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Keep out of reach of children.

## Other hazards

Toxic to aquatic life with long lasting effects.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Solvent Naptha (Petroleum) Heavy Aromatic	35 - 45	64742-94-5	Flam. Liq. 4; H227 Carc. 2; H351 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411
Solvent Naptha (Petroleum), Hydrotreated Light	10 - 15	64742-47-8	Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411
Naphthalene	1 - 5	91-20-3	Flam. Sol. 2; H228 Acute Tox. 4; H302 Carc. 2; H351 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Ethylene glycol monobutyl ether	1 - 5	111-76-2	Flam. Liq. 4; H227 Acute. Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2a; H319
Distillates (petroleum) hydrotreated heavy paraffinic	7 - 13	64742-54-7	Asp. Tox. 1; H304
Distillates (petroleum) solvent-refined heavy paraffinic	7 - 13	64741-88-4	Asp. Tox. 1; H304
Residual oils (petroleum), solvent-refined	7 - 13	64742-01-4	Asp. Tox. 1; H304
Alcohols, C12-14, secondary, ethoxylated	1 - 3	84133-50-6	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 2; H401
Oleic Acid	1 - 5	112-80-1	Skin Irrit. 2; H315 Eye Irrit. 2B; H320
Carbon Dioxide	1 - 5	124-38-9	Compressed dissolved gas.
Phenol	0.5 – 1.25	108-95-2	Acute Tox. 3; H301; H311; H331 Skin Corr. 1B; H314 Muta. 2; H341 STOT SE 2; H373
Distillates (petroleum) heavy naphthenic	0.5 – 1.25	64742-52-5	Asp. Tox. 1; H304

## Additional Information

\* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

# NUTS OFF

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation	Move person to fresh air. Keep comfortable breathing. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. Take off contaminated clothing and wash it before reuse. If symptoms develop, obtain medical attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Seek medical treatment. Do not induce vomiting.

### Most important symptoms and effects, both acute and delayed

May cause drowsiness or dizziness. IF exposed or concerned: Get medical advice/attention.

### Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. May be harmful if swallowed and enters airways.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	Do not use water jet.

### Special hazards arising from the substance or mixture

None

### Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Avoid breathing vapors. Use only outdoors or in a well-ventilated area.

### Environmental precautions

Prevent liquid entering sewers, basements and work pits.

### Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

### Reference to other sections

None

### Additional Information

None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes. Use product in a well-ventilated area only. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

### Conditions for safe storage, including any incompatibilities

# NUTS OFF

-Storage temperature

Protect from sunlight. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals..

**Specific end use(s)**

Solvent/Lubricant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Ethylene glycol monobutyl ether	111-76-2	50 ppm <sup>(S)</sup>	20 ppm	-----	-----	<sup>(S)</sup> Skin
Mineral oils / Oil Mist	-----	5 mg/m3	5 mg/m3 <sup>(I)</sup>	-----	-----	<sup>(I)</sup> Inhalable
Naphthalene	91-20-3	10 ppm	10 ppm	15 ppm	-----	-----
Aromatics (C9-C15)	-----	-----	100 mg/m3	-----	-----	-----
Alkanes (C9-C15)	-----	-----	1200 mg/m3	-----	-----	-----
Phenol	108-95-2	5 ppm <sup>(S)</sup>	-----	5 ppm <sup>(S)</sup>	-----	<sup>(S)</sup> Skin

#Assure minimum oxygen content of work atmosphere.

### Recommended monitoring method

NIOSH 1550 (Naphthas); NIOSH 5026 (Oil mist; mineral); NIOSH 1403 (Alcohols IV); NIOSH 5506 (Polynuclear Aromatic Hydrocarbons); NIOSH 2546 (Cresols & Phenol)

### Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

#### Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber). Check with protective equipment manufacturer's data.

Respiratory protection



Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

### Environmental Exposure Controls

None known

# NUTS OFF

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Liquid / Aerosol
Color.	Almost colourless to pale yellow.
Odor	Aromatic. / Solvent. / Petroleum spirit
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	~ 220 – 290
Flash Point (°C)	~ 90 - 100
Evaporation Rate (n-butyl acetate= 1)	< 0.01
Flammability (solid, gas)	Flammable aerosol
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Negligible.
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<20
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids, Nitric Acid. Sulfuric Acid
<b>Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide, Acrid smoke

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

### Information on toxicological effects

<b>Acute toxicity</b> (calculated / estimated)	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw Inhalation: LC50 >20 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.
<b>Irritation/Corrosivity</b>	Causes serious eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
<b>Sensitization</b>	It is not a skin sensitizer.
<b>Repeated dose toxicity</b>	No data
<b>Carcinogenicity</b>	Possibly carcinogenic to humans. (Naphthalene 91-20-3)

NTP	IARC	ACGIH	OSHA	NIOSH
No.	2B	No.	No.	No.

<b>Mutagenicity</b>	Not available.
<b>Reproductive toxicity</b>	Not available

# NUTS OFF

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

#### Short term

- Naphthalene (CAS# 91-20-3) LC50 (48 hour): 0.96 mg/L (*Oncorhynchus gorbuscha*)
- Alcohols, C12-14, secondary, ethoxylated LC50 (48 hour): 1 - 10 mg/L (most sensitive species)

#### Long Term

- Naphthalene MACT (30 days): >0.45 to <0.85 mg/L (*Pimephales promelas*)
- Solvent Naptha (Petroleum) Heavy Aromatic & Hydrotreated Light NOEL (28 days): 0.098 mg/L (*Oncorhynchus mykiss*)

### Persistence and degradability

Part of the components are poorly biodegradable.

### Bioaccumulative potential

The product has no potential for bioaccumulation.

### Mobility in soil

Not available.

### Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
<b>UN number</b>	1950	1950	1950
<b>Proper Shipping Name</b>	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1	2.1	2.1
<b>Packing group</b>	Not applicable	Not applicable	Not applicable
<b>Environmental hazards</b>	None assigned	None assigned	None assigned
<b>Special precautions for user</b>	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

## SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Phenol	108-95-2	0.93	500

SARA 311/312 - Hazard Categories:

- Fire  
  Sudden Release  
  Reactivity  
  Immediate (acute)  
  Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Phenol	108-95-2	0.91
Naphthalene	91-20-3	3.29

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

# NUTS OFF

## California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Naphthalene	91-20-3	Cancer

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: August 22, 2014

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

### Hazard Statement(s)

- H227: Combustible liquid.
- H228: Flammable solid.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H311: Toxic in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H320: Causes eye irritation.
- H331: Toxic if inhaled.
- H336: May cause drowsiness or dizziness.
- H341: Suspected of causing genetic defects.
- H351: Suspected of causing cancer.
- H373: May cause damage to organs through prolonged or repeated exposure: Kidney, Liver, Nervous System, Skin.
- H400: Very toxic to aquatic life.
- H401: Toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.

Training advice: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.