

# HENRY SCHEIN MAXIMA HP Spray Products

## 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	HENRY SCHEIN MAXIMA HP Spray
Product Code	SP-501049

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

Identified Use(s)	Spray lubricant
Uses Advised Against	None

Company Identification	Spray Products Corporation P.O. Box 737 Norristown, PA 19404
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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)
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### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Flam. Aerosol 1; Liquefied gas; Asp. Tox. 1; Simple Asphyxiant
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**Label elements**

Hazard Symbol



**DANGER**

Signal word(s)

Hazard Statement(s)

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.  
May displace oxygen and cause rapid suffocation.

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.  
Do not pierce or burn, even after use.  
Avoid breathing spray.  
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.  
Keep out of reach of children.

**Other hazards**

Intentional inhalation of gas from the container may be fatal.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
White mineral oil	40 - 50	8042-47-5	Asp. Tox. 1; H304
Propane	25 - 35	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280 Simple Asphyxiant
Butane	20 - 30	106-97-8	Flam. Gas 1, H220 Liquefied gas; H280 Simple Asphyxiant

**Additional Information** - None

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

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation	Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. 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 symptoms occur obtain medical 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

Aspiration of droplets may cause pulmonary oedema.

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## 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

Highly flammable vapor (flash point below 23°C).

### 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. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapours.

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**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**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wash hands thoroughly after handling. Use product in a well-ventilated area only.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature

Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

-Incompatible materials

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

**Specific end use(s)**

Spray 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)	
White mineral oil	8042-47-5	5 mg/m3	5 mg/m3 <sup>(1)</sup>	-----	-----	<sup>(1)</sup> Inhalable
n-Butane	106-97-8	-----	250 ppm	-----	-----	
Propane	74-98-6	1000 ppm	Aspyx. <sup>#</sup>	-----	-----	#

<sup>#</sup>Assure minimum oxygen content of work atmosphere.

**Recommended monitoring method**

NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 5026 (Oil mist; mineral)

**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)



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.



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Thermal hazards

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

Environmental Exposure Controls

None known

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Colorless
Odor	Petroleum-like
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	-104 (Propane)
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal)	ca. $95 \times 10^4$ (Propane)
Vapor Density (Air=1)	ca. 1.56 @ 0°C (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity	<20 cSt @ 40°C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

## SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition product(s)``	Forms oxides of carbon or soot under fire conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

### Substances in preparations / mixtures

White Mineral Oil (CAS# 8042-47-5)

Acute toxicity	Oral: LD50 >5000 mg/kg (May be fatal if swallowed and enters airways.)
Irritation/Corrosivity	Non-irritant.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not available.

### Carcinogenicity

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

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Mutagenicity

Not available.

Reproductive toxicity

Not available.

## SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

Short term

Not available.

Long Term

Not available.

## 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>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	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)
None	----	----	----

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.
None	----	----

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

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

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

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## SECTION 16: OTHER INFORMATION

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

Date of preparation: September 4, 2014

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

**Hazard Statement(s)**

- H220: Extremely flammable gas.
- H222: Extremely flammable aerosol.
- H225: Highly flammable liquid and vapor.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.

**Training advice:** None.

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