



Mansion Close  
Moulton Park  
Northampton, NN3 6RU  
Emergency Contact No:  
0800 8405505

Date of issue SDS: 29/09/09  
Review date SDS:  
SDS Version: 1.1  
MSDS Ref : 31

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## Sprayway 090 RD-90 Spray Lubricant (414ml)

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### 1. Identification of the Substance/Preparation and of the Company/Undertaking

#### 1.1 Identification of the substance or preparation

Trade Name : Sprayway 090 RD-90 Spray Lubricant Up (414ml)  
Product Code : SDSRD90LUB

#### 1.2 Company identification

Name : TPS  
Company Role : Distributor  
Street : Mansion Close Moulton Park  
City : Northampton  
Country : England  
Website : [www.totalprintsupplies.co.uk](http://www.totalprintsupplies.co.uk)

#### 1.3 Emergency telephone number

Emergency Number : 0800 840 5505 (office hours only)

### 2. Hazards Identification

#### 2.1 Classification and General Hazards

##### Emergency Overview

FLAMMABLE CONTENTS UNDER PRESSURE  
Aerosol. Pressurized container may explode to heat of flame.  
Harmful in contact with eyes, may be harmful if absorbed through the skin . Prolonged exposure may cause chronic effects.

##### OSHA Regulatory Status

This product is considered hazardous under 29 CFR 1910 1200 (Hazard Communciations)

##### Potential Health Effects



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- Inhalation : Intention misuse by concentration and inhaling the product can be harmful or fatal. Prolonged Inhalation may be harmful.
- Contact with skin : Repeated contact can cause irritation, de-fatting and drying of the skin, rash and dermatitis.
- Contact with eyes : Contact may burn or irritate. Eye contact may result in corneal injury.
- Ingestion : Exposure by ingestion of an aerosol is unlikely. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause delayed lung damage.
- Target organs : Kidney  
2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged and may cause blood damage. These effects have not been observed in humans.  
: Blood. Central nervous system.  
: Liver. Respiratory system.
- Chronic effects : Unconsciousness. Conjunctiva. liver injury may occur. Kidney injury may occur. May cause central nervous system disorders (eg narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. May cause delayed lung damage.
- Signs and symptoms : Discomfort in the chest. Corneal damage. Narcosis, Cyanosis, Liver enlargement. Jaundice. Conjunctivitis. Defatting of the skin, Irritation

### 3. Composition/Information on Ingredients

COMPONENTS	CAS#	PERCENTAGE
Mineral Spirits	64742-48-9	20-30
Propane	74-98-6	8-10
2-Butoxyethanol	111-76-2	8-10
Non-hazardous and other components below reportage levels.		40-60



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### 4. First-Aid Measures

- In case of contact with eyes : Rinse immediately with plenty of water for 15 minutes, holding eyelids open and seek medical advice if irritation persists. Remove contact lenses if present and easy to do.
- In case of skin contact : Take off immediately all contaminated clothing and isolate. Flush skin with plenty of water. Seek medical attention immediately. Wash clothing separately before reuse.
- Inhalation : Remove to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory device.
- In case of ingestion : Do not induce vomiting without medical advice. If vomiting occurs, have the victim lean forward to reduce rise of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory device.
- Medical advice : To the physician - Symptoms may be delayed
- General advice : Immediate medical attention is required

### 5. Fire-Fighting Measures

- Flammable properties : Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back.
- Extinguishing agents : Water, Water spray or fog. Alcohol foam. Dry chemical. CO2.
- Unsuitable extinguishing media : Do not use full jet of water as it may scatter and spread the fire. Water may be ineffective.
- Protective equipment/precautions for fire-fighters : **Do not breath fumes.** Wear suitable protective clothing, helmet, self-contained positive pressure or pressure demand breathing apparatus, plus face mask.



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: Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn. Cool containers with flooding quantities of water until well after fire is out.

### 6. Accidental Release Measures

- Personal protection : Ensure adequate ventilation. Do not touch, damaged containers or spilled materials unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.
- Methods for containment : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area) Stop leak if you can do so without risk. Move the cylinder to a safe and open areas if the leak is irreparable. Use water spray to reduce vapor or divert vapor cloud drift.
- Methods for cleaning up : Small spillage should be wiped up with absorbent material (eg cloth). Clean contaminated surfaces thoroughly and flush contaminated area thoroughly with water.

### 7. Handling and Storage

#### Handling

- Pressurized container : Do not pierce or burn, even after use.
- Handling Product : Do not handle or store near open flame, heat or ignition sources. Do not use if spray button is missing or defective. Use with adequate ventilation. Do not get in eyes, or on the skin. Avoid prolonged use.
- Storage : LEVEL 3 AEROSOL  
Contents under pressure.  
Do not puncture, incinerate, or crush.  
The pressure in sealed containers can increase under the influence of heat.  
Keep away from heat, open flame, sparks and avoid exposure to long periods of sunlight.



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- : Keep in an area with sprinklers.
- : Keep out of reach of children.
- : Use care in handling/storage

### 8. Exposure Controls / Personal Protection

#### Exposure Limits

##### ACGIH

<i>Components</i>	<i>CAS#</i>	<i>TWA</i>	<i>STEL</i>	<i>CEILING</i>
Mineral Spirits	64742-48-9	100 ppm	not established	not established
Propane	74-98-6	1000 ppm	not established	not established
2-Butoxyethanol	111-76-2	20 ppm	not established	not established

##### OSHA

<i>Components</i>	<i>CAS#</i>	<i>TWA</i>	<i>STEL</i>	<i>CEILING</i>
Mineral Spirits	64742-48-9	500 ppm	not established	not established
Propane	74-98-6	1000 ppm	not established	not established
2-Butoxyethanol	111-76-2	50 ppm	not established	not established

#### Engineering Controls

Provide adequate ventilation

#### Respiratory Protection

Wear positive pressure self-contained breathing apparatus (SCBA)

#### Hand/skin Protection

Chemical resistant gloves and equipment

#### Eye/face Protection

Chemical safety glasses are recommended.

#### General hygiene

Do not smoke.

Avoid contact with eyes and skin. Avoid contact with clothing.

Handle in accordance with good industrial hygiene and safety practice.



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### 9. Physical and Chemical Properties

Appearance	: Compressed liquefied gas
Colour	: Dark brown
Odour	: Odourless
Physical State	: Liquid
Form	: Aerosol
pH	: Not applicable
Boiling point and melting point	: 222.8 F (106.1C) estimated
Flash point	: -156 F (-104.4C)
Flash back	: No
Flammability (HOC)	: 41.04 kj/g estimated
Pressure	: 27-37 psig @70F
Specific gravity	: 0.777 estimated
Solubility in water	: Negligible

### 10. Stability and Reactivity

Chemical Stability	: Risk of ignition. Stable at normal conditions
Conditions to avoid	: Heat, flames and sparks
Haz decomp products	: May include oxides of oxides of carbon

### 11. Toxicological Information

Acute Effects	: Acute LD50: 3160 mg/kg estimated, Rat, Oral : Acute LD50: 1495 mg/kg estimated, Rat, Dermal : Acute LC50: 7 mg/l/4h estimated, Rat, Inhalation
Sensitization	: Not expected to be hazardous by OSHA criteria
Local Effects	: Contact may irritate or burn eyes. Liver toxicity. Blood disorder may occur after ingestion. Components of the product may be absorbed into the body through the skin.
Chronic Effects	: Hazardous by OSHA criteria. May be harmful if absorbed by the skin. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.



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2- Buxoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Sub-chronic Effects	: Kidney injury may occur. Blood disorder may occur after prolonged inhalation and skin contact
Neurological Effects	: Hazardous by OSHA criteria.
Mutagenicity	: Not expected to be hazardous by OSHA criteria
Reproductive effects	: Not expected to be hazardous by OSHA criteria
Teratogenicity	: Not expected to be hazardous by OSHA criteria
Epidemiology	: Hazardous by OSHA criteria

### 12. Ecological Information

Ecotoxicity	: LC50 150mg/L estimated, Fish, 96.00 hours EC50 10464 mg/L estimated, Daphnia, 48.00 hours Components of this product have been identified as having potential environmental concerns.
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### 13. Disposal Considerations

Waste Codes	D001: Waste Flammable material with a flash point <140F.
Disposal Instructions	: Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

### 14. Transport Information

#### 14.1. Department of Transportation (DOT) requirements

##### Basic Shipping requirements

Proper shipping name	: Consumer commodity
Hazardous class	: ORM-D
Subsidiary hazard class	: NONE



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### Additional information

Packaging exceptions : 156,306  
Packaging non bulk : 156,306  
Packaging bulk : NONE

### 14.2. IMDG

#### Basic Shipping requirements

Proper shipping name : AEROSOLS, FLAMMABLE  
Hazardous class : 2.1  
UN Number : 1950

#### Additional information

Packaging exceptions : LTD QTY  
Item : 5F  
Label requirements : 2.1  
Transport Category : 2

### 14.3. IATA

#### Basic Shipping requirements

Proper shipping name : Aerosols, flammable  
Hazardous class : 2.1  
UN Number : 1950

#### Additional information

Packaging exceptions : LTD QTY

## 15. Regulatory Information

**15.1. US Federal Regulation** : This product is a 'Hazardous Chemical' as defined by the OSHA Hazard communication Standard, 29 CFR 1910.1200.

#### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical: : YES

CERCLA (Superfund) reportable quantity : NONE

### 15.2. Superfund Amendments and Reauthorization Act 1986 (SARA)

#### Hazard Categories:

Immediate Hazard : YES  
Delayed Hazard : YES  
Fire Hazard : YES  
Pressure Hazard : YES  
Reactivity Hazard : NO

Section 302 extremely hazardous substance : NO



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Section 311 hazardous chemical : YES

### 15.3 Inventory Status

COUNTRY OR REGION	INVENTORY NAME	ON INVENTORY (YES/NO)*
China	Inventory of Existing Chemical Substances in China (IECSC)	NO
Europe	European Inventory of New and Existing Chemicals (EINECS)	NO
Europe	European List of Notified Chemical Substances (ELINCS)	NO
Japan	Inventory of Existing and New Chemical Substances (ENCS)	NO
Korea	Existing Chemical List (ECL)	NO
US & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	YES

\* YES indicates that all the components of this product comply with the inventory requirements administered by the governing country(s)

### 15.4 State regulations

US Pennsylvania \_ RTK (Right to Know) List

Propane	74-98-6	:	Present
2-Butoxyethanol	111-76-2	:	Present

## 16. Other Information

HMIS ratings : Health: 1\*  
: Flammability: 4  
: Physical hazard: 0

Prepared by : Regulatory Compliance

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.