

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** TOP GUN

**Recommended use of the chemical and restrictions on use**

**Recommended use** Vehicle wash - powdered  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
 11411-160 Street  
 Edmonton, AB,  
 T5M3T7  
 Tel: 780-454-3919

**Emergency Telephone Number**

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Hazardous to the aquatic environment, acute hazard	Category 3

**Label Elements**

<p><b>DANGER</b></p> <p><b>Hazard Statements</b>          Causes skin irritation          Causes serious eye damage          Harmful to aquatic life</p>	
--	---

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling.  
 Avoid release to the environment.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
 IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
sodium tripolyphosphate	7758-29-4	30-60
sodium carbonate	497-19-8	7-13
alcohols, C12-15, ethoxylated propoxylated	68551-13-3	5-10
alcohols, C9-C11, ethoxylated	68439-46-3	1-5
sodium metasilicate	6834-92-0	1-5
sodium dodecylbenzene sulfonate	25155-30-0	1-5
propan-2-ol	67-63-0	1-5
sodium lauryl ether sulphate	9004-82-4	0.5-1.5

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin contact</b>	Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Contact with eyes may cause serious corneal damage or injury leading to irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva, and blurred vision. Contact with skin may cause irritation with local redness.

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

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, phosphorous, silicon, sodium, and sulfur and other irritating gases.

**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**

Use personal protective equipment. Avoid dust formation. Sweep up to prevent slipping hazard.

**Environmental Precautions**

Avoid flushing product into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

Sweep up with broom and keep in suitable, closed containers for disposal. Following product recovery, flush contaminated area with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage** Store away from incompatible materials.

**Incompatible Materials** Acids, strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
sodium metasilicate 6834-92-0	TWA: 2 mg/m <sup>3</sup>	Not available	Not available
propan-2-ol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm/980 mg/m <sup>3</sup> STEL: 500 ppm/1225 mg/m <sup>3</sup>	Not listed

### Appropriate engineering controls

**Engineering Controls** Under the intended modes of handling and use, exposure control measures are not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety glasses with side shields or goggles.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory Protection** No personal respiratory equipment normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Blue powder

### **ODOR**

Detergent

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

10.5 (1% w/v solution)

### **MELTING POINT / FREEZING POINT :**

Not applicable

### **BOILING POINT/BOILING RANGE :**

Not available

### **FLASH POINT :**

None

### **EVAPORATION RATE, water = 1 :**

Not applicable

### **FLAMMABILITY (SOLID, GAS):**

Not applicable

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

Not applicable

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None

### **DECOMPOSITION TEMPERATURE:**

Not available

### **VISCOSITY:**

Not available

### **FLAMMABLE LIMITS :**

**UPPER:** Not applicable **LOWER :** Not applicable

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to Avoid

Store away from incompatible materials.

### Incompatible Materials

Acids, strong oxidizing agents.

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decompositions can lead to release of irritating gases and vapors such as oxides of carbon, phosphorous, silicon, sodium, and sulfur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
sodium tripolyphosphate 7758-29-4	3100 mg/kg (rat)	>7940 mg/kg (rabbit)	Not listed
sodium carbonate 497-19-8	4090 mg/kg (rat)	>2000 mg/kg (rabbit)	2300 mg/m <sup>3</sup> (rat) – 2 h
alcohols, C12-15, ethoxylated propoxylated 68551-13-3	1350 mg/kg (rat)	Not listed	Not listed
alcohols, C9-C11, ethoxylated 68439-46-3	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
sodium metasilicate 6834-92-0	600 mg/kg (rat)	Not listed	Not listed
sodium dodecylbenzene sulfonate 25155-30-0	500-2000 mg/kg (rat)	Not listed	Not listed
propan-2-ol 67-63-0	5000 mg/kg (rat)	12800 mg/kg (rabbit)	45248 ppm (rat) – 1 h
sodium lauryl ether sulphate 9004-82-4	>2000 mg/kg (rat)	2000-5000 mg/kg (rabbit)	Not listed

### Information on likely sources of exposure

#### Serious eye damage/irritation

Causes serious eye damage.

#### Skin corrosion/irritation

Causes skin irritation.

#### Ingestion

Expected to be a low ingestion hazard under the intended modes of use.

#### Inhalation

Expected to be a low inhalation hazard under the intended modes of use.

### Delayed and immediate effects and also chronic effects from short and long-term exposure

#### Respiratory or skin sensitization

Not a sensitizer.

#### Germ cell mutagenicity

None known.

#### Carcinogenicity

No listed carcinogens.

#### Reproductive toxicity

No information available

#### STOT - single exposure

propan-2-ol (CAS 67-63-0)

3 May cause drowsiness or dizziness

sodium metasilicate (CAS 6834-92-0)

3 May cause respiratory irritation

sodium tripolyphosphate (CAS 7758-29-4)

3 May cause respiratory irritation

No information available.

#### STOT-repeated exposure

#### Aspiration Hazard

None.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye damage. Skin irritation.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical Name	Fish	Waterflea	Algae
sodium tripolyphosphate 7758-29-4	1650 mg/L: 48 h leuciscus idus LC50	Not available	Not available
sodium carbonate 497-19-8	300 mg/L: 96 h bluegill sunfish	227-1200 mg/L: 48 h ceriodaphnia EC50	Not available
alcohols, C9-C11, ethoxylated 68439-46-3	5-10 mg/L: 96 h LC50	5-10 mg/L: 48 h EC50	10-100 mg/L: 72 h EC50
sodium dodecylbenzene sulfonate 25155-30-0	3.2-5.6 mg/L: 96 h rainbow trout LC50	6.3 mg/L: 48 h daphnia magna EC50	Not available
propan-2-ol 67-63-0	4200 mg/L: 96 h Rasbora heteromorpha LC50	1400-1950 mg/L: 48 h Crangon crangon EC50	Not available
sodium lauryl ether sulphate 9004-82-4	2.3 mg/L: 96 h LC50	>13 ppm: 48 h LC50	>56 ppm: 72 h EC50

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

Inorganic substances will dissociate into ions.

**Other adverse effects**

Do not release untreated into natural waters. No other adverse environmental effects are expected.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

16 June, 2016

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of SDS