



金沃泰
KINGVOLT

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : P-Toluenesulfonyl Semicarbazide
CAS-No. : 10396-10-8
Synonym: P-Toluene Sulfonyl Semicarbazide; Blowing Agent RA; TSSC; PTSS; RA;
Blowing Agent PTSS
Company : Jiaxing Kingvolt Import & Export Co.,Ltd
Address: 2002, A Building, Yaocheng Plaza, No.1520, East Zhongshan RD
Jiaxing City, Zhejiang Province, 314000 China,.
Telephone : +86-573-82118911
Fax : +86-573-8118912
Emergency Phone # : +86-15157335533
E-mail: sales@kingvolt.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : $C_8H_{11}N_3O_3S$

CAS-No.	EC-No.	Index-No.	Concentration
P-Toluenesulfonyl Semicarbazide			
10396-10-8	233-857-6		>98%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Not available.

Caution! May be harmful if swallowed. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

Target Organs: None known.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion:

May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic:

No information found.

4. FIRST AID MEASURES

Eyes:

Jiaxing Kingvolt Import & Export Co.,Ltd
www.kingvolt.com

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Autoignition Temperature: Not available.

Explosion Limits, Lower:Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 1; Flammability: 0; Instability: 0

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Use adequate ventilation to keep airborne concentrations low.

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	white
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	100 - 104°C
Autoignition Temperature:	Not applicable.
Flash Point:	110°C (230.00°F)
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	Not available.
Solubility in water:	
Specific Gravity/Density:	
Molecular Formula:	C ₆ H ₈ N ₂ O ₂ S
Molecular Weight:	172.2

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials, dust generation, strong oxidants.

Incompatibilities with Other Materials:

Strong oxidizing agents, strong bases.

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, oxides of sulfur, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

Hazardous Polymerization:

Has not been reported.

11. TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 10396-10-8: DA9380000

LD50/LC50:

CAS# 10396-10-8

Oral, mouse: LD50 = 740 mg/kg;

Oral, rabbit: LD50 = 600 mg/kg;

Oral, rat: LD50 = 991 mg/kg;<BR.

Carcinogenicity:

CAS# 10396-10-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies:

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

IATA

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing Group: Not available.

IMO

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing Group: Not available.

RID/ADR

Shipping Name: Not available.

Hazard Class: Not available.

UN Number: Not available.

Packing group: Not available.

15. REGULATORY INFORMATION

US FEDERAL

TSCA

CAS#10396-10-8 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS#10396-10-8 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XN

Risk Phrases:

R 22 Harmful if swallowed.

Safety Phrases:

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice

16. OTHER INFORMATION

Further information

Copyright 2013 Jiaying Kingvolt Import & Export Co.Ltd License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Jiaying Kingvolt Import & Export Co.Ltd shall not

be held liable for any damage resulting from handling or from contact with the above product.