
MATERIAL SAFETY DATA SHEET

: According to EC-directive 2001/58/EC

Rubber Antioxidant SPP

HS Code: 29071190.00

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product label name	Styrenated phenols Qingdao YLSCH Industry&Trade Co.,Ltd
Supplier	Room 501,2-3 Unit. No.8,Zhengzhou Road, Qingdao,China. TEL: +86 18661665800
Emergency telephone	TEL: +86 18661665800
Intended use	Rubber Antioxidant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Styrenated phenols
CAS NO.	61788-44-1
Chemical description	Light or off-white powder
TSCA NO.	none
EINECS NO.	none
Other information	----

3. HAZARDS IDENTIFICATION

Keep away from heat, sparks, and flame. Burning material emits highly toxic vapors. This material may cause transient skin and eye irritation

4. FIRST AID MEASURES

Symptoms and effects	Dust may be irritating to the respiratory tract and cause symptoms of bronchitis. Repeated contact may cause skin sensitization.
First aid	
General	In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation	Move to fresh air. If symptoms persist, seek medical advice.
Skin	Remove all contaminated clothing immediately. Wash off with plenty of soap and water. Seek medical advice if irritation develops. Launder clothes before reuse.

Eye	Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.
Ingestion	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
Advice to physician	No specific recommendations.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Water mist, foam, dry chemical powder, CO ₂
Unsuitable extinguishing media	Waterjet
Special exposure hazards	Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces. Decomposition in fire may produce toxic gases.
Hazardous decomposition/ Combustion products	Carbon monoxide (CO) ,carbon dioxide(CO ₂).
Protective equipment	Wear self contained breathing apparatus.
Other information	Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	For personal protection see Section 8. Avoid dust generation.
Environmental precautions	Avoid discharge into the environment. Collect as much as possible in a clean container for
Methods for cleaning up	(preferable) reuse or disposal.

7. HANDLING AND STORAGE

Handling	Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material. Avoid contact with eyes, skin and clothing. Reclose containers of unused product. Wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet. Do not reuse this container.
Storage requirements	Store in a dry and cool place. avoid exposure to direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



Engineering controls Avoid dust generation.Ensure good ventilation and local exhaustion of the working area.

Exposure limits

Name:Styrenated phenols ACGIH-TWA 19 mg/m3

Personal protection

Respiratory Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand Wear suitable gloves.

Eye Wear safety goggles.

Skin and body Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light or off-white powder	Colour	Light or off-white
Odour	Special smell	Boiling point	>250℃
Melting point ≥	----	Flash point	182℃
Flammability	Solid:substance:not (in)flammable.	Explosion limits	----
Explosive properties	Dust:dust-explosion hazard	Decomposition temperature	----
Oxidizing properties	not applicable	Ash %	28.0-30.0
Density	not applicable	Loss on drying(%)	5.0
Solubility in water	Insoluble	Solubility in other solvents	Benzene,alcohol, acetone
pH value	5.5-8.5	Partition coefficient	----
Residues (150um)% Max	----	Heating Loss % Max	----
Viscosity	4000-5500 cps @ 25° C 2.00-6.00 mPa.s @25° C	Assay content % ≥	----
Strrength of grain (N)	----	Zinc content %	----

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions (see section 7).
Conditions to avoid	Keep away from heat,sparks and flame. Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen
Materials to avoid	Contact with oxidizing agents. Contact with air.
Hazardous decomposition products	Thermal decomposition products: carbon monoxide (CO), carbon dioxide(CO ₂)

11. TOXICOLOGICAL INFORMATION

Name Styrenated phenols

Acute toxicity

Oral LG50 rat: 3550mg/kg.

Dermal LD50 rabbit: >7940 mg/kg.

Irritation

Skin May cause skin defatting with prolonged exposure.

Eye Causes mild eye irritation

12. ECOLOGICAL INFORMATION

Name Styrenated phenols

Ecotoxicity

Fish

Daphnia

Algae

Fate

Degradation Biotic Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Product Avoid discharge into the environment
 Small quantities: According to local regulations.
 Large quantities: Consult YLSCH Chemical for special advice.

Contaminated packaging According to local regulations.

Other information Waste code number: Please refer to your specific industry in the European Waste Catalogue.

14. TRANSPORT INFORMATION

Land transport (ADR/ RID)

ADR class	----	RID class	----
ADR/RID packing group	III	Hazard Identification No.	----
Substance Identification No.	3077	UN number	3077

Environmentally hazard us substance, solid, n.o.s.

Proper Shipping Name (Styrenated phenols)

Sea transport (IMDG-code/ IMO)

Correct technical name	----	IMDG Class	
UN Number	----	Packaging group	
EMS Number	----		
Air transport (ICAO-TI/ IATA-DGR)			
ICAO-TI/IATA-DGR Class	----	UN number	----
Packing group	Environmentally hazardous substance, solid, n.o.s.		
Correct technical name	(Styrenated phenols)		

15. REGULATORY INFORMATION

Chemical description	Styrenated phenols
Labelling according to EC directives	
EC-number	See section 2
Classification based on	Annex-1 to directive 67/548/EEC
R(isk) phrase(s)	R 43 May cause sensitization by skin contact R50/53 Very Innocuous to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S(afety) phrase(s)	S 24 Avoid contact with skin S 37 Wear suitable gloves S 60 This material and its container must be disposed of as hazardous waste S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets
Other information	To be displayed on the label: "EC label".
Wassergefährdungsklasse (WGK)	----

16. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.