



## Dynasty Chemicals (NingBo) Co., Ltd.

### MATERIAL SAFETY DATA SHEET

Product name: SOLVENT RED 135

#### SECTION 1: PRODUCT AND COMPANY NAME

##### Product identifier

**Product name:** SOLVENT RED 135  
**Synonyms:** 8,9,10,11-Tetrachloro-12H-phthaloperin-12-one  
**CAS No.:** 20749-68-2  
**EINECS No.:** 244-007-9  
**C.I.:** Not available

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

**Relevant identified uses:** Mainly used in coloring of polystyrene, ABS resin, polymethylmethacrylate, resin, estron, unplasticized pvc and other plastics (PVC-U\CAN\PPPO), also used in coloring of terylene fibre's protoplasm.

##### Uses advised against:

No data available

##### Details of the supplier of the product

**Company name:** Dynasty Chemicals (Ningbo) Co., Ltd  
**Address:** 8F A2 Liyuanshangdu, 201Lantian St., NingBo, China.  
**Postcode:** 315012  
**E-mail:** info@dynasty-chem.com  
**Telephone:** +86 574 56707028  
**Fax :** +86 574 56707030  
**Web:** www.dynasty-chem.com  
**Emergency telephone number:** +86 574 56707033(Only office hours available)

#### SECTION 2: HAZARDOUS IDENTIFICATION

##### GHS classification of the substance/mixture:

Self-classification

##### GHS label elements

##### Substances:

Solvent red 135

##### Precautionary statements

##### Prevention:

P264 Wash thoroughly after handling.  
P270 Do no eats, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P303+P361+P353 If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.



## Dynasty Chemicals (NingBo) Co., Ltd.

### MATERIAL SAFETY DATA SHEET

**Storage:** P403+P235 Store in a well-ventilated place. Keep cool.  
**Disposal:** P501 Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Other hazards:** Not available.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms:	CAS No.	EINECS No.	Classification according to GHS
Solvent red 135	8,9,10,11-Tetrachloro-12H-phthaloperin-12-one	20749-68-2	244-007-9	Self-classification

#### SECTION 4. FIRST-AID MEASURES

##### Description of first aid measures

**In case of eye contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.  
Get medical aid immediately.

**In case of inhalation:** Get medical aid immediately. Remove from exposure and move to fresh air immediately.  
If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**In case of skin contact:** Get medical aid.  
Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**In case of ingestion:** If victim is conscious and alert, give 2-4 cup fuls of milk or water.  
Never give anything by mouth to an unconscious person.  
Get medical aid immediately.

**Symptoms and effects ,acute and delayed**  
**Potential heath symptoms and effects**

**Eye:** Redness. May cause mild eye irritation.

**Skin:** May cause mild skin irritation. Not expected to cause and allergic skin reaction.

**Ingestion:** May cause irritation of the digestive tract.

**Inhalation:** May cause respiratory tract irritation.

**Chronic:** No information found.

**Immediate medical attention and special treatment:** Consult a physician. Treat symptomatically and supportively.



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#### SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media:** Water mist, foam, CO<sub>2</sub>, dry powder

**Unsuitable extinguishing media:** Do not use straight streams of water.

**Special exposure hazards, combustion products:**

Thermal decomposition may produce carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

**Special protective equipment for firefighters:**

Wear appropriate protective equipment and clothing.

**Protection against fire and explosion:** None

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid making dust; avoid contacting with skin and eyes by wearing an approved dust mask.

**As a general precaution:** Wash thoroughly after contact with product.

**Environmental measures:** No special measures required, comply with local regulations.

**Methods for cleaning up:** Vacuum clean dusts with equipment fitted with HEPA filter, or spread absorbent material, collect into suitable container for disposal. For large spills, dike with inert material. Collect spilled material for possible salvage or disposal. Resort all large spills to environmental authorities. Wash contaminated surface thoroughly with water and detergent. Waste disposal methods should be in accordance with methods set forth by local, state and federal authorities.

#### SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** All handling may cause dust emission. Organize the handling in such a way, that the creation of dust is minimized. Secondary dust emission may be minimized by means of good housekeeping.

**Conditions for safe storage:** Indoor, dry, store in accordance with standard approved warehousing procedures. Repair all broken bags immediately.

#### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**

**Exposure limit :** Values not tested.

**Technical measures/precautions:** Exposure limit(s) should be monitored using suitable analytical equipments



## Dynasty Chemicals (NingBo) Co., Ltd.

### MATERIAL SAFETY DATA SHEET

#### Individual protection measures-persona

#### protective equipment

<b>Respiratory:</b>	Wear disposable respiratory masks, suitable for nuisance dusts.
<b>Protection of skin and eyes:</b>	Wear gloves and overalls wear goggles or safety glasses with side shields.
<b>General protective equipment:</b>	Cleaning of contaminated garments by suction; do not brush or use compressed air.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Chemical Formula:</b>	C <sub>18</sub> H <sub>6</sub> Cl <sub>4</sub> N <sub>2</sub> O
<b>Molecular Weight:</b>	408.06
<b>Appearance:</b>	Red powder
<b>Odour:</b>	Slight
<b>Olfact:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point:</b>	No data available
<b>Boiling point:</b>	No data available
<b>Flash point:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Density:</b>	No data available
<b>Water solubility:</b>	Insoluble
<b>Partition coefficient ,n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Decomposition temperature:</b>	No data available

#### SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	Dust hazard.
<b>Conditions to avoid:</b>	Avoid humidity. No conditions known that should be avoided. Avoid all sources of ignition: heat, sparks, and open flame. Avoid moisture. Avoid electro-static charge.
<b>Substances to avoid:</b>	No substances known that should be avoided.
<b>Hazardous decomposition products:</b>	May produce carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.



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### MATERIAL SAFETY DATA SHEET

#### SECTION 11. TOXICOLOGICAL INFORMATION

<b>General:</b>	Based upon industry-wide experience over many years of manufacturing and published toxicological studies, organic dyes in general are considered to be practically non-toxic. This product is a mixture of several ingredients, and has not been tested for acute and chronic toxicity. There are no established TLV'S or PEL'S for this product.
<b>Acute(short-term) toxicity:</b>	No acute data available for this product.
<b>Chronic (long-term) toxicity:</b>	No known published data available.
<b>Mutagenicity:</b>	No known published data available.

#### SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	The product being a rather stable powder should be handled carefully in such a way, avoid dusty, and it will not contaminate the environment. No further negative effects on the environment are reported.
<b>Persistence and degradability:</b>	Not available.
<b>Bioaccumulative potential:</b>	No appreciable bioaccumulation is to be expected
<b>Mobility in soil:</b>	Base on best current information, there is no data components known associated with this product.
<b>Other adverse effects:</b>	Do not allow to enter waters, waste water, or soil!

#### SECTION 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods:</b>	Waste from this material is not considered as dangerous waste according to EU-rules and can generally be brought to a normal tip with a permit to handle industrial waste. When contaminated with dangerous products the advice of an expert has to be obtained. In general the product is dusty, and as long as it has not been adequately wetted, it should be packed in well-closed containers for removal. Check the local regulations and requirements.
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#### SECTION 14. TRANSPORT INFORMATION

<b>Land transport(ADR/RID):</b>	Not dangerous goods.
<b>Sea transport(IMDG-code):</b>	Not dangerous goods.
<b>Air transport(ICAOTI/IATA-DGR):</b>	Not dangerous goods.
<b>Additional information:</b>	Not available.



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#### SECTION 15. REGULATORY INFORMATION

<b>Designation according to EC guidelines:</b>	Not required
<b>Risk phrase:</b>	Not available.
<b>Safety advice:</b>	Avoid contact with eyes & skin
<b>Water hazard class:</b>	Not list in U.N. hazardous list

#### SECTION 16. OTHER INFORMATION

**MSDS creation date:** Nov. 27, 2021

##### Abbreviations and acronyms

**GHS** :Globally Harmonized System of Classification and Labelling of Chemicals

**CAS**: Chemical Abstracts Service (division of the American Chemical Society)

**EINECS**: European Inventory of Existing Commercial Chemical Substances)

**RID**: European Rail Transport

**IMDG**: International Maritime Code for Dangerous Goods.

**IATA**: International Air Transport Association

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The formation contained is based on the present state or our knowledge and is intended to describe our products form the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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