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SECTION 1: Identification of the substance/mixture and of the company

Product Identifier

Product Name: PowerNox™ 1135

Chemical Name: Octyl-3,5-di-tert-butyl-4-hydroxy-hydrocinnamate

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet

Company

Tintoll Performance Materials Co.,Ltd.

A-703, No. 50 Jialingjiang East St, Nanjing, China

Email: SDS@TinToll.com

Emergency Telephone Number: +86-25-8468-0091

SECTION 2: Hazardous identification

Classification of the substance or mixture

Classification under CHIP:

This product has no classification under CHIP.

Label elements

Label elements:

This product has no label elements.

Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous ingredients:

ALKYL PHENOL DERIVATIVE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
406-040-9	125643-61-0	-: R53	Aquatic Chronic 4: H413	<1%

AMINIC PHENYL DERIVATIVE

270-128-1	68411-46-1	-: R52/53	Aquatic Chronic 3: H412	<1%
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SECTION 4: First aid measures

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Description of first aid measures

Skin contact:

Wash immediately with plenty of soap and water.

Eye contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion:

Wash out mouth with water.

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so.

Most important symptoms and effects, both acute and delayed

Skin contact:

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

There may be coughing and a sore throat.

Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

Extinguishing media

Extinguishing media:

Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

Exposure hazards:

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Advice for fire-fighters

Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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Personal precautions:

Refer to section 8 of SDS for personal protection details.

Environmental precautions

Environmental precautions:

Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

Clean-up procedures:

Transfer to a closable, labeled salvage container for disposal by an appropriate method.

Reference to other sections

SECTION 7: Handling and storage

Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance.

Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in cool, well ventilated area .

Suitable packaging:

Must only be kept in original packaging .

Specific end use(s)

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Workplace exposure limits:

No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area.

Respiratory protection:

Respiratory protection not normally required.

Hand protection:

Protective gloves.

Eye protection:

Safety glasses with side-shields.

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Skin protection:

Protective clothing.

Environmental:

No special requirement.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

State:	Liquid
Colour:	Yellow
Odour:	Characteristic odour
Evaporation rate:	Negligible
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Insoluble
Viscosity:	Viscous
Kinematic viscosity:	36
Viscosity test method:	Kinematic viscosity in 10-6 m ² /s at 40°C (ISO 3104/3105)
Flash point °C:	310
Autoflammability °C:	> 200
Relative density:	0.92

Other information

Other information:

Pour Point -25 deg c WGK Water Class 1

SECTION 10: Stability And Reactivity

Reactivity

Reactivity:

Stable under recommended transport or storage conditions.

Chemical stability

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid

Conditions to avoid:

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Heat.

Incompatible materials

Materials to avoid:

Strong oxidising agents. Strong reducing agents.

Hazardous decomposition products

Haz. decomp. products:

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

SECTION 11: Toxicological Information

Information on toxicological effects

Toxicity values:

No data available.

Symptoms / routes of exposure

Skin contact:

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

There may be coughing and a sore throat.

SECTION 12: Ecological Effects

Toxicity

Ecotoxicity values:

No data available

Persistence and degradability

Persistence and degradability:

No data available

Bioaccumulative potential

Bioaccumulative potential:

No data available

Mobility in soil

Mobility:

Non-volatile. Absorbed only slowly into soil.

Results of PBT and vPvB assessment

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PBT identification:

This product is not identified as a PBT/vPvB substance.

Other adverse effects**SECTION 13: Disposal considerations****Waste treatment methods**

Waste code number: 12-01-19

Disposal of packaging:

Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB:

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport Information**Transport class:**

This product does not require a classification for transport.

SECTION 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 16: Other Information**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.