

DL Toners Black

Safety Data Sheet (SDS) Conforms to Reg. (EC) No 1907/2006, Reg. (EC) No 1272/2008 and their amendments

SHJ0044237901

Version:1.0

SECTION 1: Identification of the product and the company/undertaking**1.1. Product identifier**

Product name: DL Toners Black
 Synonyms: None
 Proper shipping name: None
 Other identities: None

1.2. Relevant identified uses of the product and uses advised against**1.2.1. Relevant identified uses**

Toner for use in laser printing

1.2.2. Uses advised against

Advise against other uses.

1.3. Details of the supplier of the safety data sheet

Supplier name: Katun Corporation
 Address: 10951 Bush Lake Rd, Minneapolis, MN 55438

 Telephone: 952-941-9505

1.4. Emergency telephone number (Chemtrec) (800) 424-9300

Country	Advisory body	Address	Emergency number
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SECTION 2: Hazards identification**2.1. Classification of the product****Classification according to Directive 1999/45/EC(DPD)**

Not considered as a dangerous mixture.

Other adverse physico-chemical, human health and environmental effects

None

2.2. Label elements**Labelling according to Directive 1999/45/EC**

None

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients**3.1. Substance**

Not applicable.

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3.2. Mixture

1. 2. 3. 4.	CAS# EC# Index # REACH #	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
1. 2. 3. 4.	25085-34-1 - - -	Polymer	70-80	Not Classified	Not Classified
1. 2. 3. 4.	Confidential - - -	Wax	1-10	Not Classified	Not Classified
1. 2. 3. 4.	1333-86-4 215-609-9 - -	Carbon black	1-10	Not Classified	Not Classified
1. 2. 3. 4.	7631-86-9 231-545-4 - -	Silica	1-10	Not Classified	Not Classified

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin Contact:

Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.

Eye:

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

4.3. Indication of any immediate medical attention and special treatment needed

Get medical attention and treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

5.2. Special hazards arising from the product

No data available.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Only when safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear chemical goggles and chemical resistant gloves.

6.1.2. For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the splash solid in suitable container for recovery or disposal.

6.4. Reference to other sections

Refer to Section 8 for Personal Protective Equipment advice.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: PE. Refer to section 10.

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance	Silica, amorphous
CAS No.	7631-86-9

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112926-00-8

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia		2 (1)		
Austria		4 inhalable aerosol		
Belgium		10		
Canada - Ontario		10		
Canada - Québec		6		
Denmark		2 inhalable aerosol		4 inhalable aerosol
Germany (AGS)		4 inhalable aerosol		
Germany (DFG)		4 inhalable aerosol		
Hungary				
Ireland		6 (1)		
		2,4 (2)		
Latvia		1		
New Zealand		1		
Poland				
Singapore		10		
South Korea		10		
Switzerland		4 inhalable aerosol		
The Netherlands				
USA - NIOSH				
USA - OSHA		80/ % silica total dust		
United Kingdom		6 inhalable aerosol		
		2,4 respirable aerosol		
	Remarks			
Australia	(1) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.			
Ireland	(1) Inhalable fraction (2) Respirible fraction			

Substance	Carbon black			
CAS No.	1333-86-4			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia		3		
Austria				
Belgium		3,5		

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Canada - Ontario	3,5	
Canada - Québec	3,5	
Denmark	3,5	7,0
European Union		
France	3,5	
Ireland	3,5	7 (1)
New Zealand	3	
Poland		
Singapore	3,5	
South Korea	3,5	
Spain	3,5	
Sweden	3	
USA - NIOSH	3,5 (1)	
USA - OSHA	3,5	
United Kingdom	3,5	7
	Remarks	
Ireland	(1) 15 minutes reference period	
USA - NIOSH	(1) in presence of PAHs: limit PAHs to 0,1 mg/m ³ TWA (detected as cyclohexane soluble extract)	

8.2. Exposure controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

General Personal Protection: Safety goggles or face shield, chemical resistant gloves, protective clothing and apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Black
Odour:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Vapour pressure:	No data available
Density (g/cm ³):	No data available
Water solubility:	No data available
Partition coefficient (n-octanol/water):	No data available

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Auto-ignition temperature:	No data available
Flammability:	Non flammable
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available
Surface tension:	No data available
Viscosity:	No data available

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

10.2. Chemical stability

Product is considered stable during storage and transportation under normal condition.

10.3. Possibility of hazardous reactions

Hazardous reactions may occur if contact with incompatible material.

10.4. Conditions to avoid

High temperature, ignition sources (sparks, flames, static), incompatible materials.

10.5. Incompatible materials

Strong acid, alkali and oxidizing agents

10.6. Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data available for the mixture.

SECTION 12: Ecological information

12.1. Aquatic toxicity

No data available for the mixture.

12.2. Persistence and degradability

Biodegradation: No data available

Abiotic degradation: No data available

12.3. Bioaccumulative potential

Bioconcentration factor (BCF): No data available

12.4. Mobility in soil

Distribution to environmental compartments: No data available

Adsorption/Desorption: No data available

12.5. Results of PBT and vPvB assessment

No data available.

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12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: refer to specific national regulation.

Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste.

SECTION 14: Transport information

Based on available data, the information according to UN recommendation on the transport of dangerous goods is given as below:

Label required

None

Transport information

14.1	UN Number	None
14.2	Shipping name	None
14.3	Road (ADR)	None
	Rail (RID)	None
	Air (ICAO/IATA)	None
	Sea (IMO/IMDG)	None
14.4	ADR-Packing Group:	None
14.5	Environmental Pollutant:	No
	Marine pollutant:	No
14.6	Special Precautions for User	N.A.

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/national regulations

No data available

15.1.3. Regulation for ingredients

None

15.2. Chemical safety assessment

No chemical safety assessment report was provided for this safety data sheet compilation.

SECTION 16: Other information

16.1 Key literature references and sources for data

- ESIS (European chemical Substances Information System), <http://esis.jrc.ec.europa.eu/>

- Information on Chemicals in ECHA website, <http://echa.europa.eu/information-on-chemicals>

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- IFA GESTIS - International limit values for chemical agents - Occupational exposure limits (OELs), http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

16.2 List of relevant hazard statements and risk phrases

None

16.3 Other

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EUCEN Standards:

- EN 16 Personal eye-protection
- EN 340 Protective clothing
- EN 374 Protective gloves against chemicals and micro-organisms
- EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices

The information presented in this SDS is based on our current knowledge and available data as of the issue date, and is only intended to describe the product for the purposes of protecting human health and environment from potential hazard. It should not therefore be construed as guaranteeing any specific property of the product.