

Trade Name: NX 6390 Evolution Reducer  
Revision date: January 2020  
Revision no: 2

## **SECTION 1: Identification of the substance/mixture and of the company / undertaking**

### **1.1 Product identifier**

NX 6390 Evolution NX Reducer

**1.2 Uses/Application:** Screen printing ink additive

### **1.3 Details of the supplier of the safety data sheet**

#### **Address**

Lancer Group International  
311 Saulteaux Crescent  
Winnipeg, Manitoba  
Canada R3J 3C7  
Telephone no: +1 (204) 889-7422  
Fax no: +1 (204) 8310426  
Information provided by: Product Safety Department  
Email address of the person responsible for this SDS: [cecilia@lancergroup.com](mailto:cecilia@lancergroup.com)

**1.4 24 Hour Emergency Number:** +1 (888) 226-8832 CANUTEC

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture**

- 2.1.1 Classification according to Regulation (EU) 1272/2008: Not classified  
Not a hazardous substance or mixture according to regulation (EC) 1272/2008
- 2.1.2 Classification according to EU Directives 67/548/EC or 1999/45EC: not classified  
This product is not classified as dangerous according to directive 67/548/EEC
- 2.1.3 WHMIS Classification: Not WHMIS controlled
- 2.1.4 GHS Classification: Not a dangerous substance or mixture

### **2.2 Label Elements**

- 2.2.1 Labelling according to Regulation (EU) 1272/2008: Not applicable
- 2.2.2 Labelling according to Directives (67/548; 1999/45): Not relevant

### **2.3 Other Hazards**

Effects of over exposure: Fumes emitted during fusion may irritate the eyes, skin or respiratory tract

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Chronic Effects: Skin sensitization may occur in some cases

### **SECTION 3: Composition / Information on ingredients**

#### **3.1 Substances**

Blend containing carboxylic acid esters and wetting and dispersing components

No substances fulfill the criteria set forth in Annex II section A of REACH regulation 1907/2006

#### **3.2 Mixtures**

##### **Chemical Characterization:**

<b>Ingredients</b>	<b>%</b>	<b>CAS#</b>	<b>Classification according to directive 76/548/EEC</b>	<b>Classification according to directive 1272/2008</b>
Petroleum disrillates blend	< 30	64742-55-8	Not classified	Not classified
Phthalate plasticizer	>70	166412-78-8	Not classified	Not classified

### **SECTION 4: First aide measures**

#### **4.1 Description of first aide measures**

##### **General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

##### **After inhalation**

Remove to fresh air. Keep the patient warm and at rest. If the person is unconscious, place in recovery position. Notify a doctor in all events to ascertain whether observation and supportive hospital care is necessary.

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**After skin contact**

Remove contaminated clothing and wash the skin thoroughly with soap and water. In the event of allergic reaction, seek medical attention.

**After eye contact**

Immediately flush eyes with water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

**After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

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

No data available

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

**Hints for the physician / treatment**

Treat symptomatically

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

In the event of fire use carbon dioxide, dry chemical agents, foam.

**5.2 Special hazards arising from the substance or mixture**

None known

**5.3 Advice for firefighters**

Fire- fighting personnel should be equipped with self- contained breathing apparatus

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear appropriate personal protective equipment.

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## 6.2 Environmental precautions

Not regarded as dangerous for environment.

## 6.3 Methods and material for containment and cleaning up

Absorb spill with vermiculite or other inert material, then place in container for chemical waste.

## 6.4 Reference to other sections

Refer to section 8

# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

### Advice on safe handling

Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use. Handle in well ventilated areas. Prevent access by unauthorized personnel. Handle in accordance with good industrial hygiene and safety practice. Wash hands before taking meal breaks and immediately after handling product. Do not eat, drink or smoke when using the product. Remove and wash contaminated clothing before re-use.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage condition

Keep container closed.

## 7.3 Specific end use(s)

Screen printing ink additive

# **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

**Exposure limits:** Not applicable

## 8.2 Exposure controls

### Exposure controls

Good general ventilation should be used (typically 10 air changes per hour). Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

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### **Respiratory protection**

Where risk assessment shows air purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### **Hand protection**

Wear proper gloves when handling the product. Always ensure that gloves are free of defects and that they are stored and used correctly. The performance and effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Always wash hands before eating.

### **Eye protection**

Wear safety goggles and face shield. Have an eye-wash station available in the work area.

### **Body protection**

Cotton or cotton/synthetic overalls are usually suitable.

## **SECTION 9: Physical and chemical properties:**

### **9.1 Information on basic physical and chemical properties**

<b>Form</b>	liquid
<b>Colour</b>	light yellow
<b>Odour</b>	characteristic
<b>PH</b>	no data available
<b>Flash Point</b>	<b>&gt;140°C</b>
<b>Melting point</b>	< 19°F (< -7°C)
<b>Freezing point</b>	no data
<b>Boiling point</b>	> 392°F (> 140°C)
<b>Auto ignition temperature</b>	no data available
<b>Decomposition temperature</b>	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.
<b>Explosive properties</b>	no data available
<b>Oxidizing properties</b>	no data available
<b>Viscosity</b>	no data available

### **9.2 Other information**

The physical specifications are approximate values and refer to the used safety relevant component(s).

## **SECTION 10: Stability and reactivity**

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### 10.1 Reactivity

No hazardous reactions when stored and handled according to prescribed instruction.

### 10.2 Chemical stability

Not full evaluated.

### 10.3 Possibility of hazardous reactions

Not established

### 10.4 Conditions to avoid

None at ambient temperatures.

### 10.5 Incompatible materials

Oxidizing agents, acids

### 10.6 Hazardous Decomposition Products

Carbon dioxide. Carbon Monoxide.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effect

No data available

#### Experience in practice

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP and OSHA. May be harmful if inhaled and may cause respiratory tract irritation. It can cause a slight eye irritation. May be harmful if absorbed through skin and may cause a slight skin irritation. Harmful if swallowed.

#### Other information

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. There are no data on the mixture itself.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

There is no known published data for this product.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Disposal recommendation for this product**

Wastes and emptied containers should be classified in accordance with relevant national regulation. Waste category based on European Council Directive on Waste: 080313 (Appendix A – Consolidated European Waste catalogue) Classified as Non-Hazardous.

For further information contact your local waste authority. Dispose of in accordance with appropriate U.S. Federal State and local regulations of Canada and regulations of EU member countries.

#### **Disposal recommendations for packaging**

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned.

## **SECTION 14: Transport information**

### **Land transport ARD/RID**

Not classified as dangerous goods

### **Marine transport IMDG/GGVSee**

Not classified as dangerous goods

### **Air transport ICAO/IATA**

Not classified as dangerous goods

### **Canadian TDG Shipping Description**

Not regulated

### **US DOT Classification**

Not regulated



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## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations/ legislation specific for substance or mixture**

The product is not on the list of controlled substances of the following:

- Regulation (EC) No. 2037/2000
- Regulation (EC) No. 850/2004
- Regulation (EC) No. 1999/13

#### **Other information**

- All components are contained in the TSCA inventory or exempted.
  - All components are contained in the AICS inventory.
  - All components are contained in the PICCS inventory.
  - All components are contained in the DSL inventory.
  - All components are contained in the ENCS inventory
  - All components are contained in the ECL inventory.
  - US EPA CERCLA hazardous Substances (40CFR 302): Not applicable
  - California Proposition 65: Not applicable
  - SARA Title III 302 Extremely Hazardous Substances: Not applicable
  - SARA Title III 313 Toxic Chemicals: Not applicable
  - National Pollutant Release Inventory (NPRI): Not applicable
- Hazardous Material Information System

Health:	1
Flammability:	1
Reactivity:	0
Personal Protection:	A



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## **SECTION 16: Other information**

### **Supplemental information**

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship. The information on this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

Therefore the user must assume all risks.