

# Material Safety Data Sheet

## Acc. to ISO/DIS 11014

### 1 IDENTIFICATION OF SUBSTANCE

#### Product details

**Trade name:** XTREME COLORS

**Article number:** IJ600-60 e IJ600-70

#### Manufacturer/Supplier:

Signs Int'l Distributor Co.

1940 NW 82nd Ave

Miami, FL 33126

TEL: (305)715-0017

www.sidsigns.com



**Information department:** Product safety department.

### 2 COMPOSITION/DATA ON COMPONENTS

COMPONENTS	CAS No.	EEC No.	%
Cyclohexanone	108-94-1	2036311	10-20
N-methyl-2-pyrrolidone	872-50-4	2128281	0-15
EBA	112-07-2	2039333	0-60
DEBA	124-17-4	2039333	0-10
CAC	111-15-9		< 30

The ingredients not listed are not considered as dangerous substances according to 29 CFR 1910-1200 (USA).

### 3 HAZARDS IDENTIFICATION

#### HMIS - rating (scale 0-4)

HEALTH	1
FIRE	2
REACTIVE	0

#### Fire and explosion hazard

Leakoff or spills of liquid can form flammable mixtures at temperatures at or above flash point.

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### 4 FIRST AID MEASURES

#### **After inhalation**

Supply fresh air. Have the person rest. Seek immediate medical advice.

#### **After skin contact**

Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice.

#### **After eye contact**

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### **After swallowing**

Seek immediate medical advice. Provide information for doctor. The following systems may occur: headache, dizziness, nausea and gastric or intestinal disorders.

### 5 FIRE FIGHTING MEASURES

- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water
- **Protective equipment:** Mouth respiratory protective device.

### 6 ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
  - Do not flush with water or aqueous cleansing agents

### 7 HANDLING AND STORAGE

- Keep container tightly sealed.
- Store in cool place/Ensure good ventilation at the workplace.
- Keep ignition sources away.
- Storage and transport temperature: <35 degree C.

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### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Avoid contact with skin and eyes. Handle in the presence of adequate ventilation.
- Where exposure is likely to exceed acceptable criteria use approved respiratory protection equipment.
- Use impervious gloves for hand protection
- Use safety glasses or tightly sealed goggles for eye protection.
- Wear protective work clothing.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

Color	transparent clear liquid
Odor	strong ketone characteristic
Boiling point	146 to 218 degree C
Flash point (TCC)	not determined
Decomposition temperature	not determined
Ignition temperature	not determined
Solubility in water	moderate(1-10%)
Viscosity	<10 mPa`s
% volatiles by volume	95-100%

### 10 STABILITY AND REACTIVITY

Hazardous polymerization	none
Thermal decomposition	none if used and stored according to specifications
Stability	stable
Materials and conditions to avoid	strong oxidizing agents.

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### 11 TOXICOLOGICAL INFORMATION

#### ACUTE

• **Primary irritant effect:**

- **on skin:** irritant to skin and mucous membranes.
- **on eye:** strong irritant with the danger of severe eye injury.
- **inhalation:** may produce headache, dizziness, nausea and could be anesthetic and may cause other effects on the central nervous system.

#### CHRONIC

To the best of our knowledge the acute and chronic toxicity of the substance is not fully known.

### 12 ECOLOGICAL INFORMATION

**General notes:** Do not allow material to be released to the environment without proper governmental permits.

### 13 DISPOSAL CONSIDERATIONS

Consult state, local or national regulations for proper disposal.  
This product is not suitable for disposal by either landfill or via municipal sewage system or rivers.  
This product is ashless and can be burned directly in the appropriate facility.

### 14 TRANSPORT INFORMATION

Non-bulk shipment	
Proper shipping name	Not regulated (flash point 63 degree C. ) closed
Recommended packaging	PG111
Common	Follow handling and storing precautions.
Land transport	Follow legal requirements on transportation.
Marine transport	Follow the Ship's Safety Law.
Air transport	Follow the Aviation Law. Not restricted to air transport under IA

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### 15 REGULATIONS

#### **Product related hazard informations**

**Hazard symbols:** Xi irritant

**Risk phrases:**

37/38 irritating to respiratory system and skin

**Safety phrases:**

26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**National regulations**

All components of this product are listed in the US EPA toxic substances Control Act Chemical substance Inventory.

**Information about limitation of use:**

For use only by technically qualified individuals.

### 16 OTHER INFORMATION

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this process, is the responsibility of the user.