



# Safety Data Sheet

Issue Date: 01-Jan-2012

Revision Date: 18-Oct-2022

Version 4

## 1. IDENTIFICATION

### Product identifier

**Product Name** GlobalTech Ink & Screen Cleaner

### Other means of identification

**SDS #** JNJ-011

**Product Code** IKS  
**UN/ID No** UN1993

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

**Recommended Use** Ink and screen cleaner.

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

#### Supplier Address

High-Tech Conversions  
1699 King Street  
Enfield, CT 06082

### Emergency telephone number

**Company Phone Number** Phone: 860-265-2633  
Fax: 860-265-2774  
**Emergency Telephone** **Poison Control Center (Medical)**  
**800-222-1222**

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, colorless liquid

**Physical state** Liquid

**Odor** Mild

### Classification

Serious eye damage/eye irritation	Category 2
Flammable liquids	Category 3

### Signal Word

Warning

### Hazard statements

Causes serious eye irritation  
Flammable liquid and vapor



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Use explosion-proof equipment

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%
Aliphatic Glycol Ethers	Proprietary	>90
Aliphatic ether alcohol	Proprietary	<10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Call a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration.
<b>Ingestion</b>	If large amount is swallowed, give lukewarm water (pint, 1/2 liter). Do NOT induce vomiting. Seek medical attention immediately.

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

<b>Symptoms</b>	May cause skin and eye irritation. May cause irritation to the mucous membranes and upper respiratory tract. Prolonged or repeated exposure by inhalation may cause headaches and palpitations. Ingestion may cause nausea, vomiting, dizziness, and headache. May cause diarrhea.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray (fog).

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

This material may produce a floating fire hazard in extreme fire conditions.

**Hazardous combustion products** Carbon oxides.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** Do not release into sewers or waterways. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. Avoid contact with skin, eyes or clothing. Use with adequate ventilation. Avoid breathing vapors or mists.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aliphatic ether alcohol	STEL: 100 ppm TWA: 50 ppm	(vacated) TWA: 100 ppm (vacated) TWA: 360 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 540 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 360 mg/m <sup>3</sup> STEL: 150 ppm STEL: 540 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Controls** Ventilation systems. Eyewash stations. Showers.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Chemical resistant protective gloves.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear, colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point / freezing point	-70 °C / -94 °F	
Boiling point / boiling range	150 °C / 302 °F	
Flash point	48 °C / 119 °F	Tag Closed Cup
Evaporation Rate	0.22	N-butyl acetate
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not available	
Lower flammability or explosive limits	Not available	
Vapor Pressure	1.7 mm Hg	
Vapor Density	4.0	(Air=1)
Relative Density	0.88	@ 60°F (ASTM D 1298)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Will not occur	
Decomposition temperature	Not determined	
Kinematic viscosity	Not available	
Dynamic Viscosity	Not available	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong oxidizers.

**Hazardous decomposition products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact**

Avoid contact with eyes.

**Skin Contact**

May be harmful in contact with skin.

**Inhalation**

Do not inhale.

**Ingestion**

May be harmful if swallowed.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Aliphatic Glycol Ethers	= 2490 mg/kg ( Rat )	= 3550 mg/kg ( Rabbit )	-
Aliphatic ether alcohol	= 5000 mg/kg ( Rat )	= 13 g/kg ( Rabbit )	> 7559 ppm ( Rat ) 6 h

**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms**

Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Serious eye damage/eye irritation**

Causes serious eye irritation.

**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	2,554.10 mg/kg
Dermal LD50	3,683.90 mg/kg
ATEmix (inhalation-vapor)	683.1500 mg/L

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Aliphatic Glycol Ethers		100: 96 h Oncorhynchus mykiss mg/L LC50 static	
Aliphatic ether alcohol		20.8: 96 h Pimephales promelas g/L LC50 static	23300: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Chemical name	Partition coefficient
Aliphatic ether alcohol	-0.437

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

The shipping description is specific to the container and mode of shipment. Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

UN/ID No  
Proper Shipping Name  
Hazard class  
Packing Group

Packages with inner packagings not over 5 liters/5kg may be reclassified as a Limited Quantity  
UN1993  
Flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)  
3  
III

**IATA**

Please refer to the IATA DGR for additional information regarding air shipments.

<b>UN number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)
<b>Transport hazard class(es)</b>	3
<b>Packing Group</b>	III

<b>IMDG</b>	Packages with inner packagings not over 5 liters/5kg may be reclassified as a Limited Quantity
<b>UN number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s. (PNP glycol ether, 1-methoxy-2-propanol)
<b>Transport hazard class(es)</b>	3
<b>Packing Group</b>	III

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Aliphatic Glycol Ethers	X	ACTIVE	X	X	X	X	X	X	X
Aliphatic ether alcohol	X	ACTIVE	X	X	X	X	X	X	X

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Aliphatic ether alcohol	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	2	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	1	2	0	B

**Issue Date:** 01-Jan-2012  
**Revision Date:** 18-Oct-2022  
**Revision Note:** Update Contact Information

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**