

## Section 1 Identification

**Product Code and Name:** 901 Glass Cleaner

**Company Name and Address:** 3D INTERNATIONAL 20724 Centre Pointe Parkway, Santa Clarita CA 91350

**Business Phone:** 888-999-7627

**Emergency Telephone Number:** CHEMTREC 1-800-424-9300 (US and Canada) All other locations 01-707-703-527-3887

## Section 2 Hazards Identification

**Classification of the Substance or Mixture:** 1)ACUTE TOXICITY:ORAL Category4. 2)SKIN CORROSION/IRRITATION Category3. 3)EYE DAMAGE/EYE IRRITATION Category2B

### GHS label elements:



**Signal Word:** Warning

**Hazard Statement:** 1)H302 Harmful if swallowed. 2) H316 Causes mild skin irritation. 3)H320 Causes eye irritation

### Precautionary Statements:

**Prevention :** P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product

**Response :** P301 + P312 IF SWALLOWED: Call a POISON CENTER or a doctor/physician if you feel unwell. P330 Rinse mouth. P332+P313 If skin irritation occurs: Get medical attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical attention.

**Storage:** Keep closed and away from children.

## Section 3 Composition/Information on ingredients:

**Substance/Mixture:** Mixture

**Product Description:** Cleaner

Chemical Name:	CAS NUMBER	% IN PRODUCT
Isopropyl Alcohol-Biodegradable	67-63-0	1.5 to 2
2-Butoxy ethanol. Biodegradable	111-76-2	1
Deionized Water	7732-18-5	95 to 98
Direct Blue 199	12222-04-7	0.001
Acetic Acid	64-19-7	<1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8

## Section 4 First Aid Measures:

### Description of necessary first aid measures

<b>Eye contact :</b>	Wash eyes immediately with large amounts of water.
<b>Inhalation:</b>	Move person to fresh air at once. If breathing has stopped, get medical attention immediately.
<b>Skin contact:</b>	Wash contacted areas with mild soap and water.
<b>Ingestion:</b>	Do not induce vomiting. If person is conscious, give water. Get medical attention.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact:</b>	Prolonged exposure can cause irritation.
<b>Inhalation:</b>	Fine mist may cause irritation of the nose and throat.
<b>Skin contact:</b>	Prolonged exposure can cause irritation.
<b>Ingestion:</b>	Gastrointestinal irritation.

#### Over-exposure signs/Symptoms

<b>Eye contact:</b>	Adverse symptoms may include the following:	Irritation
<b>Inhalation:</b>	Adverse symptoms may include the following:	No significant effect
<b>Skin contact:</b>	Adverse symptoms may include the following:	Causes mild skin irritation
<b>Ingestion:</b>	Adverse symptoms may include the following:	Gastrointestinal irritation

### Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician:</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled
<b>Specific treatments:</b>	No specific treatment
<b>Protection of first -aiders:</b>	No action should be taken involving any personal risk or without suitable training. Wash contaminated clothing thoroughly with water before removing it.

## Section 5 Fire Fighting Measures

### Extinguishing Media

<b>Suitable extinguishing media</b>	Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemicals
<b>Unsuitable extinguishing media</b>	None known
<b>Specific hazards arising from the chemical</b>	In a fire or if heated, a pressure increase will occur and the container may burst.

#### **Hazardous thermal decomposition products**

<b>Special protective actions for fire-fighters</b>	If there is a fire, Promptly isolate the scene by removing all persons from the vicinity of the incident..
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>Hazardous Decomposition:</b>	Oxides of carbon or traces of hydrocarbons may be formed in small amounts.
<b>Special Fire Fighting Procedures:</b>	Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus.
<b>Unusual Fire / Explosion Hazards:</b>	Not Listed

## Section 6 Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flares in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in for "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

### Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste contractor. Contaminated absorbent material may pose the same hazard as

Use Gloves, Goggles, Boots and Breathing Mask. Small amounts do not need special measures. Clean up with water. For large spills remove all sources of ignition. Ventilate area. Absorb with an inert absorbent material. Avoid runoff into drains and sewers. All used and unused product should be disposed of in conformance with local, state, and federal regulations

## Section 7 Handling and Storage

Precautions for safe handling: Put on appropriate protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternate made from a compatible material, keep tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container. Wash thoroughly after use.

Conditions for safe storage: Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled

Store materials tightly closed and away from sunlight, warm confined spaces, heat and open flame. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

## Section 8: Exposure Controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	CAS #	PEL/OSHA	TLV-ACGIH
Isopropyl Alcohol-Biodegradable	67-63-0	400 ppm	500 ppm
2-Butoxy ethanol. Biodegradable	111-76-2	50 ppm	25 ppm
Deionized Water	7732-18-5	Not Applicable	Not Applicable
Direct Blue 199	12222-04-7	Not Established	Not Established
Acetic Acid	64-19-7	10 ppm	10 ppm

Appropriate engineering controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants

### Individual protection measures

Hygiene Measures: Wash hands forearms and face thoroughly after handling chemical products  
 Eye/face protection: None  
 Skin protection: None  
 Respiratory protection: None

## Section 9: Physical and chemical properties

Physical state	Liquid	Specific Gravity:	0.95
Color:	Blue	Vapor Pressure:	>1
Odor:	Alcohol	Volatile liquids that will evaporate over time 100%	
pH:	7	Vapor Density:	>1
Boiling Point:	175 °F	Solubility:	100%
Flash point:	Not determined	Evaporation Rate:	>Water

Volatile Organic Compound (VOC) content for Consumer Products Applications Percent by weight: 2%

## Section 10. Stability and reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients
Chemical stability:	The product is stable
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur
Conditions of instability:	When exposed to high temperatures or sun rays colors may fade and bottles may pan
Conditions to avoid:	
Hazardous decomposition products:	Under normal conditions of storage and use, hahardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

Acute toxicity Not classified

#### Irritation/corrosion

<u>  Eyes  </u>	<u>  Skin  </u>	<u>Inhalation</u>	<u>  Ingestion  </u>
Irritation	Causes mild skin irritation	No significant effect	Gastrointestinal irritation

Sensitization There is no data available

Mutagenicity There is no data available

Carcinogenicity There is no data available

Reproductive toxicity There is no data available

Teratogenicity There is no data available

Specific target organ toxicity (single exposure) There is no data available

Specific target organ toxicity (repeated exposure) There is no data available

Aspiration hazard There is no data available

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

Potential immediate effects Not available

Potential delayed effects Not available

#### Long term exposure

Potential immediate effects Not available

Potential delayed effects Not available

#### Potential Chronic health effects

General Not known significant effects or critical hazards

Carcinogenicity Not known significant effects or critical hazards

Mutagenicity Not known significant effects or critical hazards

Teragenicity Not known significant effects or critical hazards

Developmental effects Not known significant effects or critical hazards

Fertility effects Not known significant effects or critical hazards

### Section 12. Ecological information

Toxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential	Not available
Mobility in soil: soil/water partition coefficient (Koc):	Not available
Other adverse effects:	No known significant effects or critical hazards

### Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processes in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	None	None	None
Transport hazard class(es)	Not classified as Hazardous for Transport	Not classified as Hazardous for Transport	Not classified as Hazardous for Transport
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	No	No	No
Special precautions for user	Not available	Not available	Not available
Additional information			

Special precautions for user Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or

### Section 15. Regulatory information

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	Not listed
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed
DEA List I Chemicals (Precursor Chemicals)	Not listed
DEA List II Chemicals (Essential Chemicals)	Not listed
SARA 302/304/311/312 extremely hazardous substances:	Not applicable
SARA 302/304 emergency planning and notification:	Not Applicable
SARA 302/304/311/312 hazardous chemicals:	No products were found

### Section 16. Other information

Version	Feb/2017	NFPA Ratings: Health	1
Date of issue	2/22/2017	Flammability	0
		Reactivity	0

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