

Safety Data Sheet

COLOR ADDITIVES FX-RED/GREEN/BLUE/YELLOW/PURPLE

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

1.1 Product Identifier

Product Name: COLOR ADDITIVES (FX-RED)
COLOR ADDITIVES (FX-GREEN)
COLOR ADDITIVES (FX-BLUE)
COLOR ADDITIVES (FX-YELLOW)
COLOR ADDITIVES (FX-PURPLE)

Product Type: Liquid

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance: color additives for flame fluid, for professional use only.

1.3 Details of the supplier of the safety data sheet

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SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Product Definition: Mixture

Classification according to Regulation (EC) 1272/2008 [CLP/GHS]

Flammable liquids: non-flammable liquid.

Acute toxicity: oral, category 5

Skin Irritation: category 3

Eye Irritation: category 2B

2.2 Label elements

Signal word: Warning.

Hazard pictograms:



2.3 Hazard Statements

H302: Harmful if swallowed

H313: May be harmful in contact with skin

H315: Causes skin irritation

H319: Causes serious eye irritation

H332: Harmful if inhalation

2.4 Precautionary Measures

P201: Obtain special instructions before use.

P233: Keep container tightly closed

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P264: Wash hands [and ...] thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

2.5 Response Precautionary Statements

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P302+P352: IF ON SKIN: wash with plenty of water/...

P303+P361+P353: IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+P311: IF exposed or concerned: Call a POISON CENTER/doctor.

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use dry powder, carbon dioxide or alcohol-resistant foam to extinguish.

2.6 Storage Precautionary Statements

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P501: Dispose of contents/container according to states or local regulations

SECTION 3: Composition/information on ingredients

3.1 Substances: Mixture

Ingredient name	Chemical Formula	CAS. No.	%
Ethylene glycol	(CH ₂ OH) ₂	107-21-1	Around 15%
H ₂ O	H ₂ O	7732-18-5	Around 75%
Colorants (RED, GREEN, BLUE, YELLOW, PURPLE)			Around 10%

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact: Immediately flush eyes with plenty of water for at least 10min, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water for at least 15min. Get medical attention if symptoms occur.

Digestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protection of first-aiders: No special protection is required.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media: dry powder, carbon dioxide or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: No specific fire or explosive hazard.

Hazardous thermal decomposition products: No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters: No special measures are required.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel: Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2 Environmental precautions

Avoid dispersal of spilt 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).

6.3 Methods and material for containment and cleaning up

Spill: Move containers from spill area. Dilute with water and mop up if water-soluble. If water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via licensed waste disposal contractor.

6.4 Reference to other sections

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8).

7.2 Conditions for safe storage

Store in accordance with local regulations.

7.3 Specific usage and storage recommendations

Recommendations: 2 years when stored in unopened container under room temperature (10-25°C).

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information I provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Components with critical values that require monitoring at the workplace: Not required.

8.2 Exposure controls

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 required.

Skin Protection

Hand protection: None required.

Body protection: None required.

Other skin protection: None required.

Respiratory protection: None required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: Liquid.

Colour: RED/GREEN/BLUE/YELLOW/PURPLE transparent liquid.

Freezing point: FX-RED and FX-BLUE A <-20°C ; FX-GREEN/YELLOW/PURPLE/BLUE B = 0°C

Relative density: 1.1-1.4 (water=1)

Solubility: Soluble in water.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

Explosive properties: Not available.

Oxidising properties: Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: Fire source, if exposed to high temperature, the container may burn and leak.

10.5 Incompatible materials: Metals, metal salts, oxides, halogens, peroxides, acids and alkalis, metal oxides, flammable substances.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, will not generate hazardous decomposition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Irritation: No data available

Sensitization: No data available

Carcinogenicity: No data available

Specific target organ toxicity (single exposure): No data available

Specific target organ toxicity (repeated exposure): No data available

Aspiration hazard: No data available

Information on the likely routes of exposure: Dermal contact, eye contact, inhalation, ingestion.

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Other information: Not available

SECTION 12: Ecological information

12.1 Toxicity: No data available

- 12.2 Persistence and degradability: No data available
- 12.3 Bioaccumulative potential: No data available
- 12.4 Mobility in soil: No data available
- 12.5 PBT AND VPVB
- PBT: NO. NOT available
- vPvB: NO. NOT available
- 12.6 Other adverse effects: No know significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product:

Methods of disposal: Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Packing

Methods of disposal: The generation of waste should be avoided or minimized wherever possible.

Special precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No	No	No	No
Additional information	-	-	-	-

14.1 Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure.

14.2 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No.1907/2006 (REACH)

Annex XIV – List of substances subject to authorization

Annex XIV

None of the components are listed

Substances of very high concern

None of the components are listed

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous

substances mixtures and articles: Not applicable.

Other EU regulations Europe inventory: This material is listed or exempted.

Seveso Directive: This product is not controlled under the Seveso Directive.

15.2 Chemical Safety Assessment: Not available.

SECTION 16: Other information

Abbreviations and acronyms:

ATE: Acute Toxicity Estimate

CLP: Classification, Labeling and Packing Regulation [Regulation (EC) No. 1272/2008]

CAS: Chemical Abstracts Service

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level

EUH statement: CLP specific Hazard statement

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No Effect Concentration

RRN: REACH Registration Number

vPvB: Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No.1272/2008 [CLP/GHS]

Classification: Not classified.

Full text of abbreviated H statements: H413: May cause long lasting harmful effects to aquatic life.

Full text of classifications [CLP/GHS]: Aquatic Chronic 4, H413: Long-term aquatic hazard – category 4

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NOTICE TO USER

To the best of our knowledge, the information contained herein is accurate. However, neither the above

named supplier, nor any of its subsidiaries or partner, assumes any liability for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can't guarantee that these are the only hazards that exist.