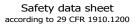
Page 1/8





Vallejo V GAME COLOR - SPECIAL FX - 72.611 MOSS AND LICHEN - MUSGO Y LIQUEN

SECTION 1: IDENTIFICATION

GAME COLOR - SPECIAL FX - 72.611 MOSS AND LICHEN - MUSGO Y LIQUEN 1.1 **GHS Product identifier:**

Other means of identification:

Non-applicable

Recommended use of the chemical and restrictions on use: 1.2

Relevant uses: Paint for artists

Uses advised against: All uses not specified in this section or in section 7.3

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: 1.3

ACRYLICOS VALLEJO, S.L.

Pol. Ind. Sant Jordi - C/ Eusebio Millán, 14 08800 Vilanova i La Geltrú - Barcelona - Spain Phone: +34938936012 - Fax: +34938931154

vallejo@acrylicosvallejo.com www.acrylicosvallejo.com

1.4 Emergency phone number: +34 938 936 012 (9:00 - 17:00)

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:

29 CFR 1910.1200:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

2.2 **Label elements:**

29 CFR 1910.1200:

2.3 Hazards not otherwise classified (HNOC):

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Version: 1

3.1 Substances:

Non-applicable

3.2 Mixtures:

Chemical description: Aqueous mixture composed of additives, aggregates, coalescents, pigments and resins

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

		Identification	Chemical name	Concentration
C	CAS:	68187-76-8	Castor oil, sulfated, sodium salt	1 - <2,5 %
(CAS:	108-01-0	2-dimethylaminoethanol	<1 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 **Description of necessary measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Date of compilation: 9/1/2022

- CONTINUED ON NEXT PAGE -

Page 1 of 8 Item Numbers: 09469-7778

Safety data sheet according to 29 CFR 1910.1200



Vallejo V GAME COLOR - SPECIAL FX - 72.611 MOSS AND LICHEN - MUSGO Y LIQUEN

SECTION 4: FIRST-AID MEASURES (continued)

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an agueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: 6.1

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

Version: 1

6.2 **Environmental precautions:**

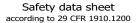
Date of compilation: 9/1/2022

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

- CONTINUED ON NEXT PAGE -

Page 2 of 8 Item Numbers: 09469-7778

Page 2/8





SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.3 Methods and materials for containment and cleaning up:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

50 °F Minimum Temp.: 104 °F Maximum Temp.: 36 Months Maximum time:

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

There are no applicable occupational exposure limits for the substances contained in the product

8.2 **Appropriate engineering controls:**

A.- Individual protection measures, such as personal protective equipment

Version: 1

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

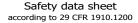
Non-applicable

Date of compilation: 9/1/2022

- CONTINUED ON NEXT PAGE -

Page 3 of 8 Item Numbers: 09469-7778

Page 3/8





SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

D.- Eye and face protection

Non-applicable

E.- Bodily protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F: Liquid Appearance: Fluid

Color: Green, Yellowish Odor: Not available Odour threshold: Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 225 °F 2272 Pa Vapour pressure at 68 °F:

Vapour pressure at 122 °F: 11970.31 Pa (11.97 kPa)

Evaporation rate at 68 °F: Non-applicable *

Product description:

Density at 68 °F: 1112.4 kg/m³ Relative density at 68 °F: 1.112

Dynamic viscosity at 68 °F: Non-applicable * Kinematic viscosity at 68 °F: Non-applicable * Kinematic viscosity at 104 °F: Non-applicable * Concentration: Non-applicable *

pH: 5 - 9

Vapour density at 68 °F: Non-applicable * Partition coefficient n-octanol/water 68 °F: Non-applicable * Solubility in water at 68 °F: Non-applicable * Solubility properties: Non-applicable * Decomposition temperature: Non-applicable * Non-applicable * Melting point/freezing point:

Flammability:

Flash Point: Non Flammable (>199.4 °F)

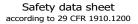
Flammability (solid, gas): Non-applicable *

372 °F Autoignition temperature:

Lower flammability limit: Non-applicable * Upper flammability limit: Non-applicable * *Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

Date of compilation: 9/1/2022 Version: 1 Page 4/8





SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Particle characteristics:

Median equivalent diameter: Non-applicable

Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable * Oxidising properties: Non-applicable * Corrosive to metals: Non-applicable * Heat of combustion: Non-applicable * Aerosols-total percentage (by mass) of flammable Non-applicable *

components:

Other safety characteristics:

Surface tension at 68 °F: Non-applicable * Refraction index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Version: 1

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids Water		Oxidising materials	Combustible materials	Others	
	Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

In case of prolonged thermal treatment at temperatures greater than 200 °C, the decomposition products are aromatic amines (3,3'- dichlorobenzidine)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

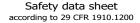
- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):

Date of compilation: 9/1/2022

- CONTINUED ON NEXT PAGE -

Page 5 of 8 Item Numbers: 09469-7778

Page 5/8





SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: ethanol (1); C.I.Pigment yellow 83 (1); 2,2 '-iminodiethanol (2B)
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acut	Genus	
Castor oil, sulfated, sodium salt	LD50 oral	15600 mg/kg	Rat
CAS: 68187-76-8	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>20 mg/L	
2-dimethylaminoethanol	LD50 oral	1182 mg/kg	Rat
CAS: 108-01-0	LD50 dermal	1220 mg/kg	Rabbit
	LC50 inhalation	3 mg/L (ATEi)	

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Version: 1

Acute toxicity:

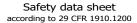
Date of compilation: 9/1/2022

Identification	Concentration		Species	Genus
2-dimethylaminoethanol	LC50	146 mg/L (96 h)	Leuciscus idus	Fish
CAS: 108-01-0		98.4 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	35 mg/L (72 h)	Scenedesmus subspicatus	Algae

- CONTINUED ON NEXT PAGE -

Page 6 of 8 Item Numbers: 09469-7778

Page 6/8





SECTION 12: ECOLOGICAL INFORMATION (continued)

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
2-dimethylaminoethanol	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 108-01-0	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	60.5 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential		
2-dimethylaminoethanol	BCF	3	
CAS: 108-01-0	Pow Log	-0.73	
	Potential	Low	

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
2-dimethylaminoethanol	Koc	1.2	Henry	1.8E-4 Pa·m³/mol
CAS: 108-01-0	Conclusion	Very High	Dry soil	No
	Surface tension	3.111E-2 N/m (77 °F)	Moist soil	No

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Date of compilation: 9/1/2022

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as nondangerous residue. Waste should not be disposed of to drains. See epigraph 6.2.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Part 261- IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

Version: 1

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

- CONTINUED ON NEXT PAGE -

Page 7 of 8

Page 7/8

Safety data sheet according to 29 CFR 1910.1200



Vallejo V GAME COLOR - SPECIAL FX - 72.611 MOSS AND LICHEN - MUSGO Y LIQUEN

SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE The Hazardous Substances List: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) Birth defects or other reproductive harm: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) Cancer: Non-applicable
- CANADA-Domestic Substances List (DSL): Castor oil, sulfated, sodium salt (68187-76-8); 2-dimethylaminoethanol (108-01-0)
- CANADA-Non-Domestic Substances List (NDSL): Non-applicable
- Hazardous Air Pollutants (Clean Air Act): Non-applicable
- Massachusetts RTK Substance List: 2-dimethylaminoethanol (108-01-0)
- Minnesota Hazardous substances ERTK: Non-applicable
- New Jersey Worker and Community Right-to-Know Act: 2-dimethylaminoethanol (108-01-0)
- New York RTK Substance list: Non-applicable
- NTP (National Toxicology Program): Non-applicable
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- Pennsylvania Worker and Community Right-to-Know Law: 2-dimethylaminoethanol (108-01-0)
- Rhode Island Hazardous substances RTK: Non-applicable
- The Toxic Substances Control Act (TSCA): Castor oil, sulfated, sodium salt (68187-76-8); 2-dimethylaminoethanol (108-01-0)
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Non-applicable

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Version: 1

Date of compilation: 9/1/2022

Date of compilation: 9/1/2022

Manufacturer Disclaimer: The information contained in this safety date sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET

Page 8 of 8 Item Numbers: 09469-7778

Page 8/8