

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

<b>Product Identity</b>	Gen-Z Graphit
<b>Alternate Names</b>	Gen-Z Graphit
<b>Unique Formula Identifier</b>	

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

**Intended Uses** Pigment dispersion produced for exclusive use for permanent tattoos applications. The product should NOT be used in the eye. Product for professional use in accordance with Regulation (EU) 2020/2081, amending Annex XVII to Regulation (EC) 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

**1.3. Details of the supplier of the safety data sheet**

<b>Company Name</b>	Intenze Product Inc. 215, Rt 17 South Rochelle Park , NJ 07662
<b>Customer Service:</b>	201 342 4446 email: info@Intenzeproducts.com

**1.4. Emergency telephone number**

**Emergency**  
**24 hour Emergency Telephone No.** 1 (800) 222-1222 American Association of Poison Control Centers

**Section 2. Hazard identification of the product**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

## 2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006

### Warning

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
P501 Dispose of contents or container in accordance with local and national regulations.  
P403+235 Store in a well ventilated place. Keep cool.

## 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

## Section 3. Composition/information on ingredients

### 3.2. Mixtures

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification	Notes
Aqua CAS Number: 7732-18-5 EC No. 231-791-2	25 - 45	Not Classified	
CI 77891 CAS Number: 13463-67-7 EC No. 236-675-5 REACH #: 01-2119489379-17-x	25 - 45	Not Classified	
Hamamelis virginiana, extract CAS Number: 84696-19-5 EC No. 283-637-9	7 - 10	Not Classified	
CI 77266 CAS Number: 1333-86-4 EC No. 215-609-9 REACH #: 01-2119384822-32	7 - 10	Not Classified	
Ammonium Acrylates Copolymer CAS Number: Proprietary EC No. Proprietary Index No.: Proprietary REACH #: Proprietary	4 - 7	Not Classified	

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification	Notes
CI 73907 CAS Number: 3089-17-6 EC No. 221-424-4	1 - 4	Not Classified	
Glycerin CAS Number: 56-81-5 EC No. 200-289-5 REACH #: 01-2119471987-18	1 - 4	Not Classified	
CI 69800 CAS Number: 81-77-6 EC No. 201-375-5	1 - 4	Not Classified	
CI 12760 CAS Number: 72102-84-2 EC No. 276-344-2	1 - 4	Not Classified	
Ethanol CAS Number: 64-17-5 EC No. 200-578-6 Index No.: 603-002-00-5 REACH #: 01-2119457610-43	1 - 4	Flam. Liq. 2;H225 Eye Irrit. 2;H319	

<sup>^</sup>CLP<sup>31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### 4.1. Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eye** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

#### 4.3. Indication of any immediate medical attention and special treatment needed

##### Notes to physician

Treat symptomatically.

### Section 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.  
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

#### 5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

### Section 6. Accidental release measures

### **6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

### **6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Dispose of contents or container in accordance with local and national regulations.

### **6.3. Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

### **6.4 Reference to other sections**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

<h2><b>Section 7. Handling and storage</b></h2>
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### **7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

Wear protective gloves, eye protection, and face protection.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool dry area, away from heat, sparks and open flame.

Keep containers sealed when not in use.

Store out of direct sunlight.

Incompatible materials: No available information

Store in a well ventilated place. Keep cool.

**7.3. Specific end use(s)**  
No available information

**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
56-81-5	Glycerin	ACGIH	TWA: 3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (mist)
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
64-17-5	Ethanol	ACGIH	No Established Limit 1000 ppm
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	380 mg/m <sup>3</sup>
		National	No Established Limit
81-77-6	CI 69800	ACGIH	No Established Limit
		DNEL Local Exposure	1.25 mg/m <sup>3</sup>
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
1333-86-4	CI 77266	ACGIH	3 mg/m <sup>3</sup> (I) Inhalable
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	1 mg/m <sup>3</sup>
		National	No Established Limit
3089-17-6	CI 73907	ACGIH	No Established Limit
		DNEL Local Exposure	3 mg/m <sup>3</sup>
		DNEL Systematic Exposure	147 mg/m <sup>3</sup>
		National	No Established Limit
7732-18-5	Aqua	ACGIH	TWA 2.5 mg/m <sup>3</sup> (as F)
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
13463-67-7	CI 77891	ACGIH	Nanoscale 0.2 mg/m <sup>3</sup> (R) Respirable fraction - finescale 2.5 mg/m <sup>3</sup> ®
		DNEL Local Exposure	0.17 mg/m <sup>3</sup>
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
Proprietary	Ammonium Acrylates Copolymer	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
72102-84-2	CI 12760	ACGIH	No Established Limit
		DNEL Local Exposure	10 mg/m <sup>3</sup>

CAS No.	Ingredient	Source	Value
		DNEL Systematic Exposure	10 mg/m <sup>3</sup>
		National	No Established Limit
84696-19-5	Hamamelis virginiana, extract	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup>OSHA PEL and 5 mg/m<sup>3</sup>ACGIH.

## 8.2. Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended

**Skin** Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Color</b>	According to product specification
<b>Odor</b>	Characteristic odor
<b>Melting point / freezing point</b>	No available information
<b>Initial boiling point and boiling range</b>	No available information
<b>Flammability (solid, gas)</b>	No available information
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information
<b>Flash Point</b>	No available information

<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Relative Density</b>	No available information
<b>Vapor Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information

## 9.2. Other information

VOC (Volatile Organic Compound) < 5 % ( w/w)

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No available information

### 10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

### 10.5. Incompatible materials

No available information

### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity



Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Glycerin - (56-81-5)	27,200.00, Rat - Category: NA	45,000.00, Guinea Pig - Category: NA	No data available	No data available	No data available
Ethanol - (64-17-5)	10,470.00, Rat - Category: NA	17,100.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available	No data available
CI 69800 - (81-77-6)	No data available	No data available	No data available	No data available	No data available
CI 77266 - (1333-86-4)	>10,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
CI 73907 - (3089-17-6)	No data available	No data available	No data available	No data available	No data available
Aqua - (7732-18-5)	90,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
CI 77891 - (13463-67-7)	>25,000.00, Rat - Category: NA	No data available	No data available	6.82, Rat - Category: NA	No data available
Ammonium Acrylates					

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Copolymer - (Proprietary)	No data available	No data available	No data available	No data available	No data available
CI 12760 - (72102-84-2)	No data available	No data available	No data available	No data available	No data available
Hamamelis virginiana, extract - (84696-19-5)	No data available	No data available	No data available	No data available	No data available

Classification	Category	Hazard Description
Acute toxicity (oral)	---	---
Acute toxicity (dermal)	---	---
Acute toxicity (inhalation)	---	---
Skin corrosion/irritation	---	---
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-repeated exposure		
Aspiration hazard	---	---

## 11.2 Information on other hazards

### 11.2.1. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l	3hr IC50 Bacteria mg/l	Biodegradability %
Glycerin - (56-81-5)	54,000.00, Oncorhynchus mykiss	1,955.00, Daphnia magna	No data available.	---	Readily biodegradable
Ethanol - (64-17-5)	15,400.00, Lepomis macrochirus	>10,000.00, Daphnia magna	17.92, Ulva pertusa	>1,000.00	89.00
CI 69800 - (81-77-6)	No data available.	No data available.	No data available.	---	---
CI 77266 - (1333-86-4)	1,000.00, Danio rerio	No data available.	>10,000.00, Desmodesmus subspicatus	---	---
CI 73907 - (3089-17-6)	No data available.	No data available.	No data available.	---	---
Aqua - (7732-18-5)	No data available.	No data available.	No data available.	---	---
CI 77891 - (13463-67-7)	294.00, Oryzias latipes	501.00, Daphnia magna	>100.00, Pseudokirchneriella subcapitata	10,001.00	---
Ammonium Acrylates Copolymer - (Proprietary)	No data available.	No data available.	No data available.	---	---
CI 12760 - (72102-84-2)	No data available.	No data available.	No data available.	---	---
Hamamelis virginiana, extract - (84696-19-5)	No data available.	No data available.	No data available.	---	---

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

No available information

### 12.4. Mobility in soil

No available information

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

**12.7. Other adverse effects**

No available information

**Section 13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**Section 14. Transport information**

	<b>ADR/RID</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	NA1993	NA1993	NA1993
<b>14.2. UN proper shipping name</b>	Combustible liquid, n.o.s., (Ethanol)	Combustible liquid, n.o.s., (Ethanol)	Combustible liquid, n.o.s., (Ethanol)
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>14.4. Packing group</b>	III	III	III

**14.5. Environmental hazards**

Marine Pollutant: No;

**14.6. Special precautions for user**

No available information

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not Applicable

**Section 15. Regulatory information**

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

#### **EU Legislation**

According to Regulation (EU) 2020/2081.

#### **National Legislation**

WGK Class: 1

**SVHC Ingredient:** Not Applicable

#### **Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:**

Ethanol (Use restricted. See item 40.)

### **15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.

<b>Section 16. Other information</b>
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**SDS Revision Date**

28/8/2024

**Revision Number**

2

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

ACGIH - American Conference of Governmental Industrial Hygienists  
ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)  
CAS - Chemical Abstract Service  
CLP - Classification Labeling and Packaging  
DOT - Department of Transportation  
EC50 - European Commission  
EC50 - Half maximal effective concentration  
ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.  
GHS - Globally Harmonized System  
IARC - International Agency for Research on Cancer  
IATA - International Civil Aviation Organization  
IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.  
ICAO - International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IMO - International Maritime Organization  
LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.  
LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PBT - Persistent, Bioaccumulative and Toxic Chemicals  
PEL - Permissible Exposure Limit  
REACH - Registration, Evaluation, Authorization and Restriction of Chemicals  
RID - Regulations concerning the international carriage of dangerous goods by rail)  
STEL - Short Term Exposure Limit  
TWA - Time Weighted Average  
vPvB - Very Persistent and very Bio-accumulative  
WGK - Water Hazard Class

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

Classification

Justification

**End of Document**