

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

1.1. Product identifier

| | |
|----------------------------------|-------------------|
| Product Identity | Gen-Z Hard Orange |
| Alternate Names | Gen-Z Hard Orange |
| Unique Formula Identifier | |

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

| | |
|--------------------------|--|
| Company Name | Intenze Product Inc. 215, Rt 17 South Rochelle Park , NJ 07662 |
| Customer Service: | 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 | 45 - 65 | Not Classified | |
| Hamamelis virginiana, extract CAS Number: 84696-19-5 EC No. 283-637-9 | 10 - 15 | Not Classified | |
| CI 12760 CAS Number: 72102-84-2 EC No. 276-344-2 | 10 - 15 | Not Classified | |
| Ammonium Acrylates Copolymer CAS Number: Proprietary EC No. Proprietary Index No.: Proprietary REACH #: Proprietary | 4 - 7 | Not Classified | |
| CI 21290 CAS Number: 77804-81-0 EC No. 278-770-4 | 4 - 7 | Not Classified | |

| Ingredient/Chemical Designations | Weight % | EC No. 1272/2008 Classification | Notes |
|--|----------|--|-------|
| REACH #: 01-2119961353-38 | | | |
| CI 56110 CAS Number: 84632-65-5 EC No. 401-540-3 REACH #: 01-0000015139-70 | 4 - 7 | Not Classified | |
| Glycerin CAS Number: 56-81-5 EC No. 200-289-5 REACH #: 01-2119471987-18 | 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 | |

[^]CLP³¹ 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

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.

Section 7. Handling and storage

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

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| |
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8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|-------------|-------------------------------|--------------------------|---|
| 56-81-5 | Glycerin | ACGIH | TWA: 3 mg/m ³ (respirable) 10 mg/m ³ (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 ³ |
| | | National | No Established Limit |
| 7732-18-5 | Aqua | ACGIH | TWA 2.5 mg/m ³ (as F) |
| | | DNEL Local Exposure | No Established Limit |
| | | 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 ³ |
| | | DNEL Systematic Exposure | 10 mg/m ³ |
| | | National | No Established Limit |
| 77804-81-0 | CI 21290 | ACGIH | No Established Limit |
| | | DNEL Local Exposure | No Established Limit |
| | | DNEL Systematic Exposure | No Established Limit |
| | | National | No Established Limit |
| 84632-65-5 | CI 56110 | ACGIH | No Established Limit |
| | | DNEL Local Exposure | No Established Limit |
| | | DNEL Systematic Exposure | 11.75 mg/m ³ |
| | | 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/m³OSHA PEL and 5 mg/m³ACGIH.

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

| | |
|--|--|
| Physical State | Liquid |
| Color | Characteristic |
| Odor | Characteristic |
| Melting point / freezing point | No available information |
| Initial boiling point and boiling range | No available information |
| Flammability (solid, gas) | No available information |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: No available information Upper Explosive Limit: No available information |
| Flash Point | No available information |
| Auto-ignition temperature | No available information |
| Decomposition temperature | No available information |
| pH | No available information |
| Viscosity (cSt) | No available information |
| Solubility in Water | No available information |
| Partition coefficient n-octanol/water (Log Kow) | No available information |
| Vapor pressure (Pa) | No available information |
| Relative Density | No available information |
| Vapor Density | No available information |
| Evaporation rate (Ether = 1) | No available information |
| Oxidising properties | No available information |
| Explosive properties | 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 |
|------------|------------------|------------------|----------------------------------|-------------------------------------|--------------------------|
| | | | | | |

| 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 |
| Aqua - (7732-18-5) | 90,000.00, Rat - Category: NA | No data available | No data available | No data available | No data available |
| Ammonium Acrylates 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 |
| CI 21290 - (77804-81-0) | >2,000.00, Rat - Category: 5 | No data available | No data available | No data available | No data available |
| CI 56110 - (84632-65-5) | 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 |
| Aqua - (7732-18-5) | No data available. | No data available. | No data available. | --- | --- |
| 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. | --- | --- |
| CI 21290 - (77804-81-0) | No data available. | >100.00, Daphnia magna | No data available. | >1,000.00 | 10.00 |
| CI 56110 - (84632-65-5) | No data available. | No data available. | No data available. | --- | --- |

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l | 3hr IC50 Bacteria mg/l | Biodegradability % |
|--|-----------------------|----------------------------|--------------------|------------------------|--------------------|
| 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

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

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