

1) Identification of the product

a) Flint Hire & Supply Ltd product names and codes

Wundasize 500ml
Wundasize 1L

Code PAT2020
Code PAT2021

b) Manufactures Product Names

Wunda Size

SUPPLIER

Flint Hire & Supply
Queens Row
London SE17 2PX
Phone: 020 7703 9786
Fax: 020 7703 0616

MANUFACTURER

Easy Leaf Products
6001 Santa Monica Blvd
Los Angeles, CA. 90038
Phone: (213) 469-0850
Emergency phone number: (213) 469-0856

2) Composition

Chemical Family: Cross-linking Vinyl Acrylic Copolymer

| Component | CAS Number | Concentration Range (%) |
|--------------------------------|------------|-------------------------|
| Vinyl acetate | 108-05-4 | <0.5 |
| Formaldehyde | 50-00-0 | <0.1 |
| Comments: 0.5 ppm action level | | |

3) Physical and chemical properties

Pure substance or mixture: Mixtures
Physical form: Liquid
Appearance/odour: White, Sweet odour
Odour Threshold: Not available
PH: 4.4
Boiling point: 212 F



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Melting/freezing point: 32 F
Solubility in water: Miscible
Specific gravity (water=1): 1.080
Evaporation rate: - (Water)
Vapor pressure (mmHg): 17 (20C)
Vapor density (air=1): 0.62
Viscosity: 150 cps
Volatiles: 55% (water)
Volatile organic compounds: <5 g/l
Auto ignition: N/A
Flash point: >220 F
Oxidizing properties: Not applicable

4) Fire fighting measures

Auto ignition: N/A
Flash point: >220 F
Extinguishing media: Water fog; Foam; Alcohol foam; CO₂; Dry Chemical
Special fire fighting procedures:
Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Fire explosion hazards: Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.
Fire explosion limit (%): Not applicable
Lower explosion limit: Not applicable
NFP Flammability hazard class:
0 = insignificant

5) First aid measures

Eye: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
Skin contact: Flush with large amounts of water; use soap if available.
Inhalation: Remove to fresh air. Get medical attention if irritation persists.
Ingestion: If swallowed, induce vomiting only if victim is alert. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

6) Stability and reactivity

Stability: Stable
Materials to avoid: Substance which react with water.
Hazardous decomposition products:

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Stable under normal temperature and pressure. Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.

7) Toxicological information

Product toxicology

Notes on inhalation toxicity: Product may contain small amounts of residual vinyl acetate vapours have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime, 200 ppm cause irritation; 50 ppm produced no observable effect. There is no evidence of adverse effects to humans exposed to levels at or below the ACGIH TLV OF 10 ppm.

Other notes on toxicity: Product is generally non-toxic. Use of good industrial hygiene practices is recommended. Avoid direct contact with skin or eyes. Do not ingest.

Chronic (long term) effects of exposure

Route of entry: Inhalation; Skin contact; Eye contact
Effects of chronic exposure: None known
Target organs: Not applicable
Special health effects: None known

8) Ecological information

Not available

9) Handling and storage

Storage temperature: Ambient
Handling/storage: Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapours.
Ventilation requirements: Local
Other precautions: Avoid extreme temperatures. Protect from freezing.

10) Exposure standards/Personal protection

| <u>Component</u> | <u>Exposure limits</u> | <u>Recommended test methods</u> |
|------------------|---|---------------------------------|
| Vinyl acetate: | 10 ppm (ACGIH-TWA) 15 ppm (ACGIH-STEL) | 3M organic vapour monitor |



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Formaldehyde: 10 ppm (OSHA-PEL)
20 ppm (OSHA-STEL)
0.3 ppm (ACGIH-Ceiling)
0.75 ppm (OSHA-PEL)
2 ppm (OSHA-STEL)
3M formaldehyde monitor

Ventilation requirements: Local

Eye protection requirements: Wear safety glasses with side shields.

Glove requirements: The use of chemically resistant gloves is recommended.

Clothing requirements: Rubber boots and apron if exposure is severe.

Change/removal of clothing: Soiled clothing should be laundered before re-use.

Wash requirements: Soap and water

Respirator requirements: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

11) Accidental release measures/spillage

Spill and leak procedures: Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

12) Disposal

Waste disposal method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

Empty container warning: Empty containers may contain product residue follow MSDS and label warning even after they have been emptied.

13) Transport information

DOT INFORMATION: Not applicable

14) Regulatory information

TSCA: All components are on the TSCA inventory.

State laws: California proposition 65-this product contains Acetaldehyde CAS# 75-07-0, and Formaldehyde CAS# 50-00-0. Each is present at less than 0.1%.

Sara/title III: This product contains no substances at or above the reporting threshold under Section 313, based on data available.

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15) Hazard identification

Not considered as hazardous.

| | |
|---------------|---|
| Eye: | Slightly irritating but does not injure eye tissue. |
| Skin contact: | Frequent or prolonged contact may irritate the skin. |
| Inhalation: | Vapours may be irritating to respiratory system and nasal passages. |
| Ingestion: | No hazard in normal industrial use. Low order of toxicity. |

16) Other information

The information given and the recommendation made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchasers responsibility before using any product to verify this data under own operating conditions and to determine whether the product is suitable for their purposes.