



RAMON HYGIENE PRODUCTS

MATERIAL SAFETY DATA SHEET: RH96 - January 2008

Authorised:

1. Identification of the Substance/Preparation and Company/Undertaking:

Name: Optima Graffiti Wipes

Use: Graffiti wipes are ideal for taking off graffiti & some paints off smooth surfaces.

Product code: RH96

Supplied By: Ramon Hygiene Products
380 Thurmaston Boulevard
Leicester LE4 9LE

Contact Numbers: Telephone: 0116 276 1881
Fax: 0116 246 0224
E-mail: admin@ramonhygiene.co.uk

2. Hazard Identification:

This product is classed as irritating to eyes and skin and flammable.

3. Composition/Information on Ingredients:

<u>Chemical</u>	<u>% Conc.</u>	<u>Classification</u>	<u>CAS</u>	<u>EINECS/ELINCS</u>
Denatured Ethanol	50 – 60 %	F; R11	64-17-5	200-578-6
Orange Terpenes	15 – 28 %	Xi, N, Xn; R10, 38, 52/53, 65	8028-48-6	232-433-8
N-methyl-2-pyrrolidone	5 – 16 %	Xi, R36/38	872-50-4	212-828-1
Alcohol ethoxylate	<3%	Xi, R22, 41, 50	68131-39-5	Not assigned
Alcohol ethoxylate	<3%	Xi, R41, 50	68131-39-5	Not assigned

4. First Aid Measures:

Eyes If sufficient material has entered the eyes to cause irritation, flush thoroughly with water for at least 10 minutes. If symptoms persist, seek medical advice.

Ingestion If ingested do NOT induce vomiting. Keep at rest and seek immediate medical attention.

Inhalation Remove the affected victim from exposure and seek medical advice.

Skin Wash affected area with soap and water. If irritation persists seek medical advice.



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5. Fire Fighting Measures:

- General Hazard: This product is as hazardous and flammable
- Flash Point: Not determined
- Suitable Extinguishing Media: Dry Chemical, Foam or Carbon dioxide.
- Unsuitable Extinguishing Media: Not known
- Hazardous Thermal Decomposition Products: Oxides of Carbon, Nitrogen and other toxic decomposition products in the case of incomplete combustion.
- Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.
- Unusual Fire and Explosion Hazards: There are no unusual hazards. Product does not constitute any special or particular fire hazards.

6. Accidental Release Measures:

- Personal Precautions: Chemical resistant gloves must be worn at all times. Eye protection not required if product is used as directed.
- Environmental Precautions: Prevent entry into waterway, sewers or confined areas. Avoid using the product in conjunction with strong oxidising agent (e.g. bleach).
- Method for Cleaning Up: Remove sources of ignition. Pick up and discard towel.

7. Handling and Storage:

- Handling: Use in well ventilated area. Avoid inhaling vapour. Avoid contact with eyes. Remove ignition sources. Avoid sparks. Do not smoke. Eye wash facilities should be readily available. Keep containers tightly closed when not in use. Store at room temperature. Suitable equipment for dealing with fires, spills, and leaks must be readily available.
- Storage: Storage area should be: out of direct sunlight, away from incompatible materials, cool well ventilated. Store away from sources of heat or ignition.

8. Exposure Control/Personal Protection:



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Workplace Exposure Limits

Denatured Ethanol: EH40 (United Kingdom (UK)).
WEL: 1000ppm Period: 8 hour(s)
WEL: 1900mg/m³ Period: 8 hour(s)
N-methyl-2-pyrrolidone: TWA (8 hr exposure limit): 103mg/m³
STEL (15 min exposure limit): 309 mg/m³

Engineering Controls: General ventilation adequate

Personal Protective Equipment: Chemical resistant gloves must be worn at all times. Eye protection not required if product is used as directed.

Additional Information: Do not breathe vapour. Provide adequate ventilation for user (e.g. exhaust ventilation)

Earth Electrical Equipment. The selection of personal protective equipment, if appropriate, should be based on your own risk assessment.

9. Physical and Chemical Properties: (Not a specification)

Appearance: Liquid saturated on wipe

Odour: Citrus

Specific Gravity: Not determined

Solubility in Water: All impregnated components 100% soluble. Non-woven is not soluble.

pH@20° C Typical Analysis: Not determined

Volatiles: Orange Terpenes (15 – 25%), Denatured Ethanol (50 – 60%).

Melting/Boiling Point: Not determined

Flash Point: Not determined

10. Stability and Reactivity:

Chemical Stability: Stable if stored at room temperature. Wipes will dry if exposed to the atmosphere.

Materials to Avoid: Avoid heat, flames and other sources of ignition.

Hazardous Decomposition Products: May include but not limited to oxides of carbon, nitrogen.

Hazardous Polymerisation: Does not occur



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11. Toxicological Information:

It is not the policy of Ramon Hygiene Products to conduct any form of animal testing. The following toxicological data therefore applies to the information we have gathered together from our raw material suppliers.

- Acute toxicity: Not applicable for this type of product, if used as directed.
- Corrosivity/irritation: To eyes, skin and respiratory system.
- Sensitisation: To eyes, skin and respiratory system.
- Repeated-dose toxicity: Not applicable for this type of product, if used as directed.
- Mutagenicity: Not applicable for this type of product, if used as directed.
- Carcinogenicity: Not applicable for this type of product, if used as directed.
- Reproductive toxicity: Not applicable for this type of product, if used as directed.

12. Ecological Information:

Product is generally biodegradable.
Packaging is recyclable.
The product is accepted as non-bioaccumulative.
Ecotoxicity - Low

13. Disposal:

Disposable should be in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

14. Transport Information:

This product is packed in limited quantities therefore according to the ADR guidelines in section 1.1.3.4 does not require any documentation to accompany a consignment. However you must insure that the outer packaging is labelled and marked in accordance to the ADR guidelines.

ADR / RID

- UN No. 3175
- Packaging Group: II
- Class: 4.1
- Proper Shipping Name: "Solids containing flammable liquid", N.O.S. (denatured ethanol)

IMDG / IMO

- UN No. 3175
- Packaging Group: II



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Authorised:

Class: 4.1
Marine Pollutant: N/A
Proper Shipping Name: "Solids containing flammable liquid", N.O.S. (denatured ethanol)

IATA / ICAO

Un No. 3175
Packaging Group: II
Class: 4.1
Proper Shipping Name: "Solids containing flammable liquid", N.O.S. (denatured ethanol)
Packaging Instruction: 417

15. Regulatory Information:

This product is classed hazardous under the C.H.I.P. regulation.

Risk Phrases: R11: Highly flammable
Safety Phrases S 2: Keep out of reach of Children
S 7: Keep container tightly closed
S 16: Keep away from source of ignition – No Smoking.

16. Other Information:

Packaging contents: Recyclable H.D.P.E inner packaging
Recyclable cardboard outer packaging
Nature of fibres in non-woven – polypropylene and viscose

Hazards: All necessary information can be found in sections 2 & 15 for this product. This product is not classed as flammable as it does not support combustion.

Training advice: Training is provided on request. Please contact our sales office, which would be able to make all necessary arrangements.

Restrictions: Method of presentation as a wipe reduces ingestion hazard. Avoid contact of wipe with eyes. Avoid oxidising agents.

Risk Phrases listed in Section 2
R10: Flammable
R11: Highly Flammable
R22: Harmful if swallowed
R36/38: Irritating to eyes and skin
R38: Irritating to skin

R41: Risk of serious damage to eyes
R50: Very toxic to aquatic organisms
R52/53: Harmful to aquatic organisms, may cause long-term to adverse effects in the aquatic environment
R65: Harmful: may cause lung damage if swallowed



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This data sheet was compiled using external data from our supplier's and independent laboratories. This safety data sheet contains all the necessary information to conduct a COSHH assessment. This document in its own right does NOT constitute the users own assessment of workplace risk as required by Health and safety legislation.

The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly from the use of the company's products or from the use of the information given in this safety data sheet, In particular, financial or economical loss unless required by law.