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MATERIAL SAFETY DATA SHEET RED MIST

GENERAL

Date	16/12/08
Revision Number	0
Date of First Issue	16/12/08
Manufacturer	Dodo Juice Ltd / Mitrechem Ltd
Address	275 Desborough Ave, High Wycombe, Bucks HP11 2TL
Emergency Telephone Number	+44 (0)7990 518430, +44(0)1279 813222
Information Telephone Number	+44 (0)7990 518430

1. IDENTITY

Commercial Name	Dodo Juice
Product Description	Quick detailing spray sealant for vehicles.
Identity (Label/List)	Red Mist

2. COMPOSITION

General	Proprietary blend.
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HAZARDOUS INGREDIENTS (1)

Component	Petroleum distillates.
%	95% min
EINECS No.	292-458-5, 265-067-2
CAS No.	90622-56-3, 64741-65-7
Symbol / Risk Phrase	F: R11; Xi:R38; Xn:R65, R66, R67; N:R51/53; R50/53
Classification/Symbol	Highly flammable/F Harmful/Xn Dangerous for the environment/N



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3. HAZARDS

Health	Irritating to skin. Harmful - may cause lung damage if swallowed. Vapours may cause drowsiness & dizziness.
Environmental	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Physical & Chemical/Fire & Explosion	Extreme hazard. Vapour or liquid can readily form flammable mixtures at temperature at or above the flash point.

4. FIRST AID MEASURES

Inhalation	Using approved respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
Skin Contact	Wash with plenty of soap and water after use. Remove grossly contaminated clothing & launder before re-use.
Eye Contact	Rinse with plenty of water, until irritation subsides. If irritation persists, seek medical advice.
Ingestion	Do not induce vomiting. Keep at rest. Get medical attention.

5. FIRE FIGHTING MEASURES

Fire Fighting Procedures	Use water spray to cool surfaces exposed to fire & to protect personnel. If possible shut off the source of fuel to the fire.
Fire Fighting Media	Use foam, dry chemical, carbon dioxide (CO ₂) or water spray to extinguish fire.
Special Precautions	Containers may explode if exposed to fire. See section 4 'First Aid Measures', and Section 10 'Stability & Reactivity'.
Hazardous Combustion Products	Fumes, smoke, carbon dioxide (CO ₂), and carbon monoxide (CO).



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	See Section 8.
Land Spills	<p>Eliminate sources of ignition. Warn occupants in downwind areas of fire and explosion hazard. Prevent liquid from entering sewers, water courses or low areas.</p> <p>Keep public away. Shut off source, if possible to do so without hazard. Advise police if substance has entered a watercourse or sewer or has contaminated soil or vegetation. Take measures to minimize the effect on ground water.</p> <p>Contain spilled liquid with sand or earth.</p> <p>Scrape up with shovels or pails and place in suitable containers for disposal.</p> <p>Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.</p> <p>See Section 4 'First Aid Measures', and Section 10 'Stability & Reactivity'.</p>
Water Spills	<p>Eliminate sources of ignition. Warn occupants and shipping in downwind areas of fire and explosion hazard and request them to stay clear.</p> <p>Notify port or relevant authority and keep public away. Shut off source, if possible to do so without hazard. Confine if possible.</p> <p>Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies sinking and/or suitable dispersants may be used in non-confined waters.</p> <p>Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations.</p> <p>See Section 4 "First Aid Measures", and Section 10 "Stability and Reactivity".</p>

7. HANDLING AND STORAGE

Handling and Storage Precautions	<p>Keep container tightly closed. Avoid extremes of temperature and store in a cool, well ventilated place away from incompatible materials.</p> <p>Do NOT handle or store near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.</p> <p>Do NOT pressurise, cut, heat or weld containers. Empty product containers may contain product residue. Container can remain hazardous when empty. Continue to observe all precautions.</p>
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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering Control Measures/Ventilation	Use outdoors or in an adequately ventilated area. The use of local exhaust ventilation is recommended near the source. Use explosion proof ventilation equipment.
Occupational Exposure Limits- WEL	Total hydrocarbons, based on composition and using the reciprocal calculation method (RCP): Alkanes, C7-10-ISO: TWA LTEL 1400 mg/cubic metres (281ppm) (EH40/2005) This product contains the following components with a recognised or recommended WEL value: Octane TWA LTEL 300ppm (ACGIH)
Personal Protection	General advice - the use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommend as a minimum safety precaution, safety glasses and clothes protecting arms legs and body be used. Respiratory protection - the industrial user or handler, if using in air and exceeding concentration limits, it is recommended a half-face filter mask to protect against over exposure by inhalation. Suitable filter material depends on the amount and type of chemicals being handled in the workplace, but filter material of type 'A' or similar may be considered for use. Hand protection - when handling this product, it is recommended to wear chemical resistant gloves such as nitrile rubber. Eye protection - see general advice. Skin/body protection - see general recommendations.
Environmental Exposure Controls	See section 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
Appearance	Red coloured liquid
Odour	Scented (mild) paraffinic
Freezing/Melting Point	< -20°C
Boiling Point / Range	113-143°C
HEALTH, SAFETY & ENVIRONMENTAL INFORMATION	
Flash Point	7°C
Auto ignition temp.	380°C
Explosive Limits in Air	0.7-6 vol %

Dodo Juice Ltd is registered in England.

Registered address: 275 Desborough Ave, High Wycombe, Bucks HP11 2TL.

Company number: 06183699. VAT number: UK 912 9601 32.



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10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	Heat, sparks, open flames and other sources of ignition.
Materials to Avoid	Strong oxidants / oxidising agents.
Hazardous Decomposition Products	None.

11. TOXICOLOGICAL DATA

Inhalation	Vapour concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches, drowsiness and dizziness, are anaesthetic and may have other central nervous system effects.
Skin Contact	Frequent or prolonged contact to petroleum distillates may cause irritation and dermatitis. Low order of toxicity.
Eye Contact	Irritating but does not injure eye tissue.
Ingestion	Small amounts of liquid aspirated into respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema. Minimal toxicity: LD50 > 10000mg/kg.

12. ECOLOGICAL INFORMATION

This product is classified as a volatile organic compound, according to the Directive 99/13/EC.

Ecotoxicity	Expected to be toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
Environmental Mobility	Highly volatile and will partition rapidly to air. Not expected to partition to sediment and waste water solids.
Environmental Degradability	Expected to degrade rapidly in air. Expected to be inherently biodegradable.

13. DISPOSAL CONSIDERATIONS

Method	Use certified chemical waste disposal. This product is not suitable for disposal by land fill or via municipal sewers, drains, natural streams or rivers.
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14. TRANSPORT INFORMATION

LAND(RAILWAY/ROAD, SUCH AS RID/ADR)	
Class:	3 PG: II UN Number: 3295
Classification code:	FI
Transport document name:	UN 3295, HYDROCARBONS, LIQUID, N.O.S. (ISOOCTANES & ISONONANES), 3, PG II, Special provision 640D
Emergency Action Code:	3YE
INLAND WATERWAYS (SUCH AS AND/R)	
Class:	3 UN Number: 3295
Transport document name:	UN 3295, HYDROCARBONS, LIQUID, N.O.S. (ISOOCTANES & ISONONANES), VP50 <=110kPa, 3, PG II
SEA (IMDG)	
Class:	3 PG: II UN Number: 3295
Marine pollutant:	NO EMS Number: F-E, S-D
Risk label:	3
Transport document name:	UN 3295, HYDROCARBONS, LIQUID, N.O.S. (ISOOCTANES & ISONONANES), 3, PG II (7 °C c.c.)
AIR (ICAO/IATA)	
Class:	3 PG: II UN Number: 3295
Proper shipping name:	HYDROCARBONS, LIQUID, N.O.S. (ISOOCTANES & ISONONANES)



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15. REGULATORY INFORMATION

Classification and labelling according to EEC Directives.

This classification results from test data and/or assessment.

Classification/Symbol	HIGHLY FLAMMABLE/F HARMFUL/Xn DANGEROUS FOR THE ENVIRONMENT/N
Governing Directive:	DANGEROUS SUBSTANCES DIRECTIVE 67/548/EC, AS MODIFIED
Label Name:	TBA
Nature of Special Risk:	R11 highly flammable. R38 irritating to skin R51/53 toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment R65 harmful: may cause lung damage if swallowed R67 vapours may cause drowsiness and dizziness
Safety Advice:	S09 keep container in a well ventilated place S16 keep away from sources of ignition - no smoking S23 do not breathe gas/fumes/vapour/spray S24 avoid contact with skin S33 take precautionary measures against static charges S43A in case of fire use foam, dry powder or carbon dioxide (CO ₂) S57 use appropriate containment to avoid environmental contamination S60 this material and/or its container must be disposed of as hazardous waste S61 avoid release to the environment. Refer to special instructions/safety data sheet. S62 if swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

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16. OTHER INFORMATION

Coloured products may mildly discolour cloths and applicator pads used to apply or remove the product. Residue may be more difficult to remove if applied to hot surfaces or if left to over-cure.

Library of Risk Phrases used in this document:

R11 Highly Flammable
R38 Irritating to skin
R50/ 53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R51/ 53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER: The data herein is given in good faith and based on the best of our knowledge at the date of issue of this document. Each user is responsible for determining the suitability of the material in their particular application and that such usage complies with applicable legislative rules and regulations. However, no representation, warranty of guarantee is made as to its accuracy, reliability or completeness.