DRY-TREAT STAIN PROOF (AUST.)

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
DRY-TREAT STAIN PROOF (AUST.)

SUPPLIER
Company: Dry- Treat Pty Ltd
Address:
220 Pacific Highway
Crows Nest
NSW, 2065
Australia
Telephone: +61 2 9954 3211
Telephone: 1800 675 119
Emergency Tel:**Outside USA +1 (813) 248 0585**
Fax: +61 2 9954 3162
Email: chemwatch@chemwatch.net

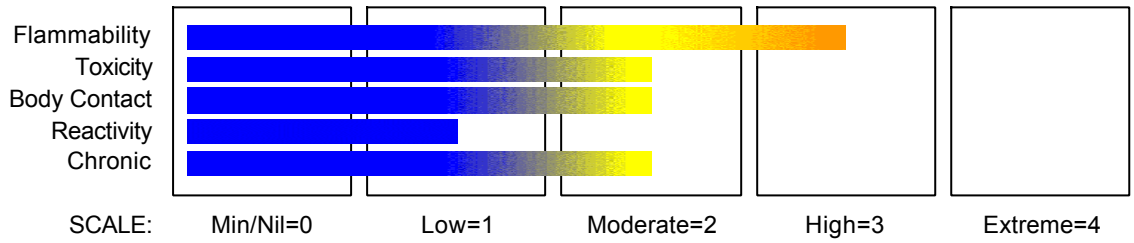
PRODUCT USE
Water and stain protection for masonry substrate.

SYNONYMS
"stain preventer", "masonry sealant"

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
CONSIDERED A DANGEROUS SUBSTANCE ACCORDING TO DIRECTIVE 1999/45/EC AND ITS AMENDMENTS.

HAZARD RATINGS



RISK

DSD/DPD classification (classification according to Directive 67/548/EEC or Directive 1999/45/EC)

Risk Codes	Risk Phrases
R11	■ Highly flammable.
R36/38	■ Irritating to eyes and skin.
R52	■ Harmful to aquatic organisms.
R65	■ HARMFUL - May cause lung damage if swallowed.
R67	■ Vapours may cause drowsiness and dizziness.

CLP classification (classification according to Regulation (EC) No 1272/2008)

Signal Word:DANGER

CLP classification

Acute Aquatic Hazard Category 3
Aspiration Hazard Category 1
Eye Irritation Category 2A
Flammable Liquid Category 2
Respiratory Effects Category 3

continued...

Respiratory Irritation Category 3
Skin Corrosion/Irritation Category 2

Hazard statement(s)

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H402	Harmful to aquatic life
H319	Causes serious eye irritation

Determined by Chemwatch using CLP criteria:

Supplementary statement(s)

Precautionary statement(s)

Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion- proof electrical/ventilating/lighting equipment
P242	Use only non- sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well- ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P337+P313	If eye irritation persists: Get medical advice/attention.

Storage

P403+P233	Store in a well- ventilated place. Keep container tightly closed.
P403+P235	Store in a well- ventilated place. Keep cool.
P405	Store locked up.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	INT HAZ	%
ethanol	64-17-5	F	30-60
EC NO: 200-578-6			
R CODES: R11			
Flam. Liq. 2 Flam. Liq. 2 H225			
alkylalkoxysilane			20-40
isopropyl acetate	108-21-4	F,Xi	1-10
EC NO: 203-561-1			
R CODES: R11, R36, R66, R67			
Flam. Liq. 2Eye Irrit. 2STOT SE 3 Flam. Liq. 2 Eye Irrit. 2 STOT SE 3 H225; H319; H336			
additives nonhazardous			1-10

Section 4 - FIRST AID MEASURES

SWALLOWED

- If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.
- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.

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• Seek medical advice.

EYE

■ If this product comes in contact with the eyes:
• Immediately hold eyelids apart and flush the eye continuously with running water.
• Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
• Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
• Transport to hospital or doctor without delay.
• Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

■ If skin contact occurs:
• Immediately remove all contaminated clothing, including footwear.
• Flush skin and hair with running water (and soap if available).
• Seek medical attention in event of irritation.

INHALED

• If fumes or combustion products are inhaled remove from contaminated area.
• Lay patient down. Keep warm and rested.
• Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
• Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
• Transport to hospital, or doctor.

NOTES TO PHYSICIAN

■ Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically.
Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.
For acute or short term repeated exposures to ethanol:
• Acute ingestion in non-tolerant patients usually responds to supportive care with special attention to prevention of aspiration, replacement of fluid and correction of nutritional deficiencies (magnesium, thiamine pyridoxine, Vitamins C and K).
• Give 50% dextrose (50-100 ml) IV to obtunded patients following blood draw for glucose determination.
• Comatose patients should be treated with initial attention to airway, breathing, circulation and drugs of immediate importance (glucose, thiamine).
• Decontamination is probably unnecessary more than 1 hour after a single observed ingestion. Cathartics and charcoal may be given but are probably not effective in single ingestions.
• Fructose administration is contra-indicated due to side effects.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

• Alcohol stable foam.
• Dry chemical powder.
• BCF (where regulations permit).
• Carbon dioxide.
• Water spray or fog - Large fires only.

FIRE FIGHTING

• Alert Fire Brigade and tell them location and nature of hazard.
• May be violently or explosively reactive.
• Wear breathing apparatus plus protective gloves.
• Prevent, by any means available, spillage from entering drains or water course.
• Consider evacuation (or protect in place).
• Fight fire from a safe distance, with adequate cover.
• If safe, switch off electrical equipment until vapour fire hazard removed.
• Use water delivered as a fine spray to control the fire and cool adjacent area.
• Avoid spraying water onto liquid pools.
• Do not approach containers suspected to be hot.
• Cool fire exposed containers with water spray from a protected location.
• If safe to do so, remove containers from path of fire.

FIRE/EXPLOSION HAZARD

• Liquid and vapour are highly flammable.
• Severe fire hazard when exposed to heat, flame and/or oxidisers.
• Vapour may travel a considerable distance to source of ignition.
• Heating may cause expansion or decomposition leading to violent rupture of containers.
• On combustion, may emit toxic fumes of carbon monoxide (CO).
Combustion products include: carbon dioxide (CO_2), formaldehyde, hydrogen fluoride, silicon dioxide (SiO_2), other pyrolysis products typical of burning organic material.

FIRE INCOMPATIBILITY

• Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

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Personal Protective Equipment
Breathing apparatus.
Chemical splash suit.

Section 6 - ACCIDENTAL RELEASE MEASURES

MINOR SPILLS
- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb small quantities with vermiculite or other absorbent material.
- Wipe up.
- Collect residues in a flammable waste container.

MAJOR SPILLS
- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- Consider evacuation (or protect in place).
- No smoking, naked lights or ignition sources.
- Increase ventilation.
- Stop leak if safe to do so.
- Water spray or fog may be used to disperse /absorb vapour.
- Contain spill with sand, earth or vermiculite.
- Use only spark-free shovels and explosion proof equipment.
- Collect recoverable product into labelled containers for recycling.
- Absorb remaining product with sand, earth or vermiculite.
- Collect solid residues and seal in labelled drums for disposal.
- Wash area and prevent runoff into drains.
- If contamination of drains or waterways occurs, advise emergency services.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING
- Containers, even those that have been emptied, may contain explosive vapours.
- Do NOT cut, drill, grind, weld or perform similar operations on or near containers.
- DO NOT allow clothing wet with material to stay in contact with skin.
- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- Avoid smoking, naked lights, heat or ignition sources.
- When handling, DO NOT eat, drink or smoke.
- Vapour may ignite on pumping or pouring due to static electricity.
- DO NOT use plastic buckets.
- Earth and secure metal containers when dispensing or pouring product.
- Use spark-free tools when handling.
- Avoid contact with incompatible materials.
- Keep containers securely sealed.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.

SUITABLE CONTAINER
- Packing as supplied by manufacturer.
- Plastic containers may only be used if approved for flammable liquid.
- Check that containers are clearly labelled and free from leaks.
- For low viscosity materials (i) : Drums and jerry cans must be of the non-removable head type. (ii) : Where a can is to be used as an inner package, the can must have a screwed enclosure.
- For materials with a viscosity of at least 2680 cSt. (23 deg. C)
- For manufactured product having a viscosity of at least 250 cSt. (23 deg. C)
- Manufactured product that requires stirring before use and having a viscosity of at least 20 cSt (25 deg. C)

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(i) : Removable head packaging;
(ii) : Cans with friction closures and
(iii) : low pressure tubes and cartridges may be used.
• Where combination packages are used, and the inner packages are of glass, there must be sufficient inert cushioning material in contact with inner and outer packages
• In addition, where inner packagings are glass and contain liquids of packing group I there must be sufficient inert absorbent to absorb any spillage, unless the outer packaging is a close fitting moulded plastic box and the substances are not incompatible with the plastic.

STORAGE INCOMPATIBILITY
• Avoid strong bases.
*.
• Avoid oxidising agents, acids, acid chlorides, acid anhydrides, chloroformates.

STORAGE REQUIREMENTS
• Store in original containers in approved flame-proof area.
• No smoking, naked lights, heat or ignition sources.
• DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
• Keep containers securely sealed.
• Store away from incompatible materials in a cool, dry well ventilated area.
• Protect containers against physical damage and check regularly for leaks.
• Observe manufacturer's storing and handling recommendations.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³	Peak ppm	Peak mg/m³	TWA F/CC	Notes
UK Workplace Exposure Limits (WELs)	ethanol (Ethanol)	1000	1920						R11
UK Workplace Exposure Limits (WELs)	isopropyl acetate (Isopropyl acetate)			200	849				R11, 36, 66, 67

PERSONAL PROTECTION




RESPIRATOR
Type A Filter of sufficient capacity

EYE
• Safety glasses with side shields.
• Chemical goggles.
• Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

HANDS/FEET
■ Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:
• frequency and duration of contact,
• chemical resistance of glove material,
• glove thickness and
• dexterity
Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739).
• When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended.
• When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.
• Contaminated gloves should be replaced.
Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser

continued...

is recommended.
• Wear chemical protective gloves, eg. PVC.
• Wear safety footwear or safety gumboots, eg. Rubber.

OTHER
• Overalls.
• PVC Apron.
• PVC protective suit may be required if exposure severe.
• Eyewash unit.
• Ensure there is ready access to a safety shower.

ENGINEERING CONTROLS
■ For flammable liquids and flammable gases, local exhaust ventilation or a process enclosure ventilation system may be required. Ventilation equipment should be explosion-resistant.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES
Does not mix with water.
Floats on water.

State	LIQUID	Molecular Weight	Not applicable
Melting Range (°C)	Not available	Viscosity	Not Available
Boiling Range (°C)	Not available	Solubility in water (g/L)	Immiscible
Flash Point (°C)	13 (CC)	pH (1% solution)	Not Applicable
Decomposition Temp (°C)	Not Available	pH (as supplied)	Not Applicable
Autoignition Temp (°C)	Not available	Vapour Pressure (kPa)	Not available
Upper Explosive Limit (%)	Not available	Specific Gravity (water=1)	0.81
Lower Explosive Limit (%)	Not available	Relative Vapour Density (air=1)	Not available
Volatile Component (%vol)	Not available	Evaporation Rate	Not available

ethanol
log Kow (Sangster 1997): - 0.3
isopropyl acetate
log Kow (Sangster 1997): 1.02

APPEARANCE
Clear yellow flammable liquid with an ester-like odour.
Not miscible with water, partial decomposition by hydrolysis.

Material	Value
ETHANOL:	
log Kow	- 0.31- - 0.32

Section 10 - CHEMICAL STABILITY

CONDITIONS CONTRIBUTING TO INSTABILITY
• Presence of incompatible materials.
• Product is considered stable.
• Hazardous polymerisation will not occur.
For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

GHS Hazard Phrases
.
May cause respiratory irritation
May cause drowsiness or dizziness

continued...

Highly flammable liquid and vapour
May be fatal if swallowed and enters airways
Causes skin irritation
Harmful to aquatic life
Causes serious eye irritation

DRY-TREAT STAIN PROOF (AUST.)

TOXICITY AND IRRITATION
■ Not available. Refer to individual constituents.

Section 12 - ECOLOGICAL INFORMATION

Harmful to aquatic organisms.
This material and its container must be disposed of as hazardous waste.

Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
ethanol	LOW	MED	LOW	HIGH
isopropyl acetate	LOW		LOW	HIGH

Section 13 - DISPOSAL CONSIDERATIONS

- Recycle wherever possible.
- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
- Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or Incineration in a licenced apparatus (after admixture with suitable combustible material).
- Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

■ According to the European Waste Catalogue, Waste Codes are not product specific but application specific. Waste Codes should be assigned by the User based on the application in which the product is used.

Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID

HAZCHEM:
*3YE Use alcohol resistant foam

Land transport ADR/RID (cross-border):

ADR/RID Class:	3	Hazard identification (Kemler):	33
UN Number:	1993	Packing Group:	II
Classification Code:	F1	Hazard Label:	3
Special provisions:	274 601 640C		

Shipping Name: FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa)

Air Transport IATA:

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1993	Packing Group:	II
Special provisions:	A3		
Cargo Only			
Packing Instructions:	307	Maximum Qty/Pack:	60 L
Passenger and Cargo		Passenger and Cargo	
Packing Instructions:	305	Maximum Qty/Pack:	5 L
Passenger and Cargo Limited Quantity		Passenger and Cargo Limited Quantity	
Packing Instructions:	Y305	Maximum Qty/Pack:	1 L

continued...

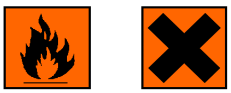
Shipping Name: FLAMMABLE LIQUID, N.O.S. *(CONTAINS ALCOHOL)

Maritime Transport IMDG:

IMDG Class:	3	IMDG Subrisk:	None
UN Number:	1993	Packing Group:	II
EMS Number:	F-E , S-E	Special provisions:	274
Limited Quantities:	1 L		

Shipping Name: FLAMMABLE LIQUID, N.O.S.

Section 15 - REGULATORY INFORMATION



ANNEX 1

ethanol	603- 002- 00- 5
isopropyl acetate	607- 024- 00- 6

RISK

Risk Codes	Risk Phrases
R11	■ Highly flammable.
R36/38	■ Irritating to eyes and skin.
R52	■ Harmful to aquatic organisms.
R65	■ HARMFUL - May cause lung damage if swallowed.
R67	■ Vapours may cause drowsiness and dizziness.

SAFETY

Safety Codes	Safety Phrases
S16	■ Keep away from sources of ignition. No smoking.
S23	■ Do not breathe gas/ fumes/ vapour/ spray.
S25	■ Avoid contact with eyes.
S36	■ Wear suitable protective clothing.
S51	■ Use only in well ventilated areas.
S09	■ Keep container in a well ventilated place.
S29	■ Do not empty into drains.
S401	■ To clean the floor and all objects contaminated by this material, use water and detergent.
S07	■ Keep container tightly closed.
S13	■ Keep away from food, drink and animal feeding stuffs.
S26	■ In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.
S46	■ If swallowed, IMMEDIATELY contact Doctor or Poisons Information Centre (show this container or label).
S60	■ This material and its container must be disposed of as hazardous waste.

ANNEX 2: Indications of Danger

F Highly Flammable
Xn Harmful

Annex VI

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
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Determined by Chemwatch using CLP criteria:

Supplementary statement(s)

continued...

Precautionary statement(s)

Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion- proof electrical/ventilating/lighting equipment
P242	Use only non- sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well- ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P337+P313	If eye irritation persists: Get medical advice/attention.

Storage

P403+P233	Store in a well- ventilated place. Keep container tightly closed.
P403+P235	Store in a well- ventilated place. Keep cool.
P405	Store locked up.

REGULATIONS

Regulations for ingredients

ethanol (CAS: 64-17-5) is found on the following regulatory lists;

"Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK) (German)","Belgium Occupational Exposure Limits (French)","Bulgaria Limit values for the chemical agents in the air at the working environment","Czech Republic Occupational Exposure Limits (PEL and NPK-P) (Czech)", "Denmark Indicative List of Organic Solvents (Danish)","Denmark Indicative List of Organic Solvents (English)","Denmark Limit values for air pollutants (English)","España, Valores Límite Ambientales (VLA)","Estonia Limit values for chemical hazards in the working environment (English)", "Estonia Limit values for chemical hazards in the working environment (Estonian)","EU Directive 2002/72/EC Plastic materials and articles intended to come into contact with foodstuffs - Annex II Section A: List of authorised monomers and other starting substances","EU Directive 2002/72/EC Plastic materials and articles intended to come into contact with foodstuffs - Annex III Section A Incomplete list of additives fully harmonised at Community level","Europäische Datenbank kommerzieller Altstoffe","European Chemicals Agency (ECHA) List of substances identified for registration in 2010", "European Customs Inventory of Chemical Substances - ECICS (Danish)","European Customs Inventory of Chemical Substances - ECICS (Dutch)","European Customs Inventory of Chemical Substances - ECICS (Finnish)","European Customs Inventory of Chemical Substances - ECICS (French)","European Customs Inventory of Chemical Substances - ECICS (German)","European Customs Inventory of Chemical Substances - ECICS (Greek)","European Customs Inventory of Chemical Substances - ECICS (Italian)","European Customs Inventory of Chemical Substances - ECICS (Portuguese)","European Customs Inventory of Chemical Substances - ECICS (Spanish)","European Customs Inventory of Chemical Substances - ECICS (Swedish)","European Customs Inventory of Chemical Substances (English)","European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)","European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31","European Union (EU) Control of Major Accident Hazards Involving Dangerous Substances - Seveso Category","European Union (EU) Inventory of Fragrance Ingredients (Perfume and Aromatic Raw Materials)","European Union (EU) Inventory of Ingredients used in Cosmetic Products","European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI","Finland Occupational Exposure Levels - Concentrations Known to be Harmful (Swedish)","France Threshold Limit Values for Occupational Exposure - VLE/VME (French)","Germany Recommended Exposure Limits - MAK Values - Carcinogens","Germany Recommended Exposure Limits - MAK Values - Pregnancy Risk Group Classifications & Germ Cell Mutagens","Germany Recommended Exposure Limits - MAK Values (English)","Germany TRGS 900 - Limit Values for the Workplace Atmosphere (German)","GESAMP/EHS Composite List - GESAMP Hazard Profiles","Grænseværdier for luftforurening","Greece Occupational Exposure Limits","Hungary Occupational Exposure Limits (Hungarian)","Iceland Occupational Exposure Limits (Icelandic)","IMO IBC Code Chapter 18: List of products to which the Code does not apply","IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances","IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO","International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs", "International Air Transport Association (IATA) Dangerous Goods Regulations","International Council of Chemical Associations (ICCA) - High Production Volume List","International Fragrance Association (IFRA) Survey: Transparency List","Inventaire Européen des Substances Chimiques Commerciales Existantes (EINECS)","Inventario Europeo de Substancias Químicas Comerciales Existentes (EINECS)","Ireland Occupational Exposure Limits","Ireland Occupational Exposure Limits - Intended Changes","Italy Occupational Exposure Limits","Italy Occupational Exposure Limits - Carcinogens","Latvia Occupational Exposure Limit Values (OELV) for Chemical Substances in the Work Environment Atmosphere (Latvian)","Maximale Arbeitsplatzkonzentration (MAK)","Netherlands List of carcinogenic substances (Dutch)","Norway Administrative Norms for Air Contamination in the Workplace","OECD Representative List of High Production Volume (HPV) Chemicals","Poland Workplace Maximum Allowable Concentration (Polish)","Portugal Occupational exposure limits to chemical agents (Portuguese)","Russia Maximum Allowed Concentrations (PDK) of Harmful Substances in the Air of Workplace Zone (Russian)","Slovak Republic Highest Admissible Exposure Limits (Slovak)","Spain Occupational Exposure Limit for Chemical Agents","Sweden Occupational Exposure Limit Values (Swedish)","Sweden Occupational Exposure Limit Values and Measures against Air Contaminants (English)","Switzerland Occupational Exposure Limits (German)","UK Workplace Exposure Limits (WELs)"

isopropyl acetate (CAS: 108-21-4) is found on the following regulatory lists;

"Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK) (German)","Belgium Occupational Exposure Limits (French)","Denmark Indicative List of Organic Solvents (Danish)","Denmark Indicative List of Organic Solvents (English)","Denmark Limit values for air pollutants (English)","España, Valores Límite Ambientales (VLA)","Europäische Datenbank kommerzieller Altstoffe","European Chemicals Agency (ECHA) List of

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substances identified for registration in 2010","European Customs Inventory of Chemical Substances - ECICS (Danish)","European Customs Inventory of Chemical Substances - ECICS (Dutch)","European Customs Inventory of Chemical Substances - ECICS (Finnish)","European Customs Inventory of Chemical Substances - ECICS (French)","European Customs Inventory of Chemical Substances - ECICS (German)","European Customs Inventory of Chemical Substances - ECICS (Greek)","European Customs Inventory of Chemical Substances - ECICS (Italian)","European Customs Inventory of Chemical Substances - ECICS (Portuguese)","European Customs Inventory of Chemical Substances - ECICS (Spanish)","European Customs Inventory of Chemical Substances - ECICS (Swedish)","European Customs Inventory of Chemical Substances (English)","European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)","European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31","European Union (EU) Inventory of Ingredients used in Cosmetic Products","European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI","Finland Occupational Exposure Levels - Concentrations Known to be Harmful (Swedish)","France Threshold Limit Values for Occupational Exposure - VLE/VME (French)","Germany Recommended Exposure Limits - MAK Values - Pregnancy Risk Group Classifications & Germ Cell Mutagens","Germany Recommended Exposure Limits - MAK Values (English)","GESAMP/EHS Composite List - GESAMP Hazard Profiles","Grænseværdier for luftforurening","Greece Occupational Exposure Limits","Hungary Occupational Exposure Limits (Hungarian)","Iceland Occupational Exposure Limits (Icelandic)","IMO IBC Code Chapter 17: Summary of minimum requirements","IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances","International Council of Chemical Associations (ICCA) - High Production Volume List","International Fragrance Association (IFRA) Survey: Transparency List","Inventaire Européen des Substances Chimiques Commerciales Existantes (EINECS)","Inventario Europeo de Substancias Químicas Comerciales Existentes (EINECS)","Ireland Occupational Exposure Limits","Italy Occupational Exposure Limits","Maximale Arbeitsplatzkonzentration (MAK)","Norway Administrative Norms for Air Contamination in the Workplace","OECD Representative List of High Production Volume (HPV) Chemicals","Poland Workplace Maximum Allowable Concentration (Polish)","Portugal Occupational exposure limits to chemical agents (Portuguese)","Russia Maximum Allowed Concentrations (PDK) of Harmful Substances in the Air of Workplace Zone (Russian)","Spain Changes Proposed for Occupational Limit Values","Spain Occupational Exposure Limit for Chemical Agents","Switzerland Occupational Exposure Limits (German)","UK Workplace Exposure Limits (WELs)"

No data for Dry-Treat Stain Proof (Aust.) (CW: 4903-61)

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - : 67/548/EEC, 1999/45/EC, 76/769/EEC, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC, 1999/13/EC, as well as the following British legislation:

- *The Control of Substances Hazardous to Health Regulations (COSHH) 2002*
- *COSHH Essentials*
- *The Management of Health and Safety at Work Regulations 1999*

Section 16 - OTHER INFORMATION

LIMITED EVIDENCE

#Regulations for ingredients
#ethanol (CAS: 64- 17- 5) is found on the following regulatory lists;
" Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK) (German)" , " Belgium Occupational Exposure Limits (French)" , " Bulgaria Limit values for the chemical agents in the air at the working environment" , " Czech Republic Occupational Exposure Limits (PEL and NPK- P) (Czech)" , " Denmark Indicative List of Organic Solvents (Danish)" , " Denmark Indicative List of Organic Solvents (English)" , " Denmark Limit values for air pollutants (English)" , " España, Valores Límite Ambientales (VLA)" , " Estonia Limit values for chemical hazards in the working environment (English)" , " Estonia Limit values for chemical hazards in the working environment (Estonian)" , " EU Directive 2002/72/EC Plastic materials and articles intended to come into contact with foodstuffs - Annex II Section A: List of authorised monomers and other starting substances" , " EU Directive 2002/72/EC Plastic materials and articles intended to come into contact with foodstuffs - Annex III Section A Incomplete list of additives fully harmonised at Community level" , " Europäische Datenbank kommerzieller Altstoffe" , " European Chemicals Agency (ECHA) List of substances identified for registration in 2010" , " European Customs Inventory of Chemical Substances - ECICS (Danish)" , " European Customs Inventory of Chemical Substances - ECICS (Dutch)" , " European Customs Inventory of Chemical Substances - ECICS (Finnish)" , " European Customs Inventory of Chemical Substances - ECICS (French)" , " European Customs Inventory of Chemical Substances - ECICS (German)" , " European Customs Inventory of Chemical Substances - ECICS (Greek)" , " European Customs Inventory of Chemical Substances - ECICS (Italian)" , " European Customs Inventory of Chemical Substances - ECICS (Portuguese)" , " European Customs Inventory of Chemical Substances - ECICS (Spanish)" , " European Customs Inventory of Chemical Substances - ECICS (Swedish)" , " European Customs Inventory of Chemical Substances (English)" , " European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)" , " European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31" , " European Union (EU) Control of Major Accident Hazards Involving Dangerous Substances - Seveso Category" , " European Union (EU) Inventory of Fragrance Ingredients (Perfume and Aromatic Raw Materials)" , " European Union (EU) Inventory of Ingredients used in Cosmetic Products" , " European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI" ,

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" Finland Occupational Exposure Levels - Concentrations Known to be Harmful (Swedish)" , " France Threshold Limit Values for Occupational Exposure - VLE/VME (French)" , " Germany Recommended Exposure Limits - MAK Values - Carcinogens" , " Germany Recommended Exposure Limits - MAK Values - Pregnancy Risk Group Classifications & Germ Cell Mutagens" , " Germany Recommended Exposure Limits - MAK Values (English)" , " Germany TRGS 900 - Limit Values for the Workplace Atmosphere (German)" , " GESAMP/EHS Composite List - GESAMP Hazard Profiles" , " Grænseværdier for luftforurening" , " Greece Occupational Exposure Limits" , " Hungary Occupational Exposure Limits (Hungarian)" , " Iceland Occupational Exposure Limits (Icelandic)" , " IMO IBC Code Chapter 18: List of products to which the Code does not apply" , " IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances" , " IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO" , " International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs" , " International Air Transport Association (IATA) Dangerous Goods Regulations" , " International Council of Chemical Associations (ICCA) - High Production Volume List" , " International Fragrance Association (IFRA) Survey: Transparency List" , " Inventaire Européen des Substances Chimiques Commerciales Existantes (EINECS)" , " Inventario Europeo de Substancias Químicas Comerciales Existentes (EINECS)" , " Ireland Occupational Exposure Limits" , " Ireland Occupational Exposure Limits - Intended Changes" , " Italy Occupational Exposure Limits" , " Italy Occupational Exposure Limits - Carcinogens" , " Latvia Occupational Exposure Limit Values (OELV) for Chemical Substances in the Work Environment Atmosphere (Latvian)" , " Maximale Arbeitsplatzkonzentration (MAK)" , " Netherlands List of carcinogenic substances (Dutch)" , " Norway Administrative Norms for Air Contamination in the Workplace" , " OECD Representative List of High Production Volume (HPV) Chemicals" , " Poland Workplace Maximum Allowable Concentration (Polish)" , " Portugal Occupational exposure limits to chemical agents (Portuguese)" , " Russia Maximum Allowed Concentrations (PDK) of Harmful Substances in the Air of Workplace Zone (Russian)" , " Slovak Republic Highest Admissible Exposure Limits (Slovak)" , " Spain Occupational Exposure Limit for Chemical Agents" , " Sweden Occupational Exposure Limit Values (Swedish)" , " Sweden Occupational Exposure Limit Values and Measures against Air Contaminants (English)" , " Switzerland Occupational Exposure Limits (German)" , " UK Workplace Exposure Limits (WELs)"
#isopropyl acetate (CAS: 108- 21- 4) is found on the following regulatory lists;
" Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK) (German)" , " Belgium Occupational Exposure Limits (French)" , " Denmark Indicative List of Organic Solvents (Danish)" , " Denmark Indicative List of Organic Solvents (English)" , " Denmark Limit values for air pollutants (English)" , " España, Valores Límite Ambientales (VLA)" , " Europäische Datenbank kommerzieller Altstoffe" , " European Chemicals Agency (ECHA) List of substances identified for registration in 2010" , " European Customs Inventory of Chemical Substances - ECICS (Danish)" , " European Customs Inventory of Chemical Substances - ECICS (Dutch)" , " European Customs Inventory of Chemical Substances - ECICS (Finnish)" , " European Customs Inventory of Chemical Substances - ECICS (French)" , " European Customs Inventory of Chemical Substances - ECICS (German)" , " European Customs Inventory of Chemical Substances - ECICS (Greek)" , " European Customs Inventory of Chemical Substances - ECICS (Italian)" , " European Customs Inventory of Chemical Substances - ECICS (Portuguese)" , " European Customs Inventory of Chemical Substances - ECICS (Spanish)" , " European Customs Inventory of Chemical Substances - ECICS (Swedish)" , " European Customs Inventory of Chemical Substances (English)" , " European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)" , " European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31" , " European Union (EU) Inventory of Ingredients used in Cosmetic Products" , " European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI" , " Finland Occupational Exposure Levels - Concentrations Known to be Harmful (Swedish)" , " France Threshold Limit Values for Occupational Exposure - VLE/VME (French)" , " Germany Recommended Exposure Limits - MAK Values - Pregnancy Risk Group Classifications & Germ Cell Mutagens" , " Germany Recommended Exposure Limits - MAK Values (English)" , " GESAMP/EHS Composite List - GESAMP Hazard Profiles" , " Grænseværdier for luftforurening" , " Greece Occupational Exposure Limits" , " Hungary Occupational Exposure Limits (Hungarian)" , " Iceland Occupational Exposure Limits (Icelandic)" , " IMO IBC Code Chapter 17: Summary of minimum requirements" , " IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances" , " International Council of Chemical Associations (ICCA) - High Production Volume List" , " International Fragrance Association (IFRA) Survey: Transparency List" , " Inventaire Européen des Substances Chimiques Commerciales Existantes (EINECS)" , " Inventario Europeo de Substancias Químicas Comerciales Existentes (EINECS)" , " Ireland Occupational Exposure Limits" , " Italy Occupational Exposure Limits" , " Maximale Arbeitsplatzkonzentration (MAK)" , " Norway Administrative Norms for Air Contamination in the Workplace" , " OECD Representative List of High Production

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Volume (HPV) Chemicals" , " Poland Workplace Maximum Allowable Concentration (Polish)" , " Portugal Occupational exposure limits to chemical agents (Portuguese)" , " Russia Maximum Allowed Concentrations (PDK) of Harmful Substances in the Air of Workplace Zone (Russian)" , " Spain Changes Proposed for Occupational Limit Values" , " Spain Occupational Exposure Limit for Chemical Agents" , " Switzerland Occupational Exposure Limits (German)" , " UK Workplace Exposure Limits (WELs)"

#No data for Dry- Treat Stain Proof (Aust.) (CW: 4903- 61)

RISK

Explanation of risk codes used on this MSDS

Risk Codes	Risk Phrases
R11	■ Highly flammable.
R36/38	■ Irritating to eyes and skin.
R36	■ Irritating to eyes.
R52	■ Harmful to aquatic organisms.
R65	■ HARMFUL - May cause lung damage if swallowed.
R66	■ Repeated exposure may cause skin dryness and cracking.
R67	■ Vapours may cause drowsiness and dizziness.

ANNEX 2: Indications of Danger

F Highly Flammable
Xi Irritant

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references.

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

■ For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:
EN 16 Personal eye-protection
EN 340 Protective clothing
EN 374 Protective gloves against chemicals and micro-organisms
EN 13832 Footwear protecting against chemicals
EN 133 Respiratory protective devices.