

MATERIAL SAFETY DATA SHEET

PRODUCT: MOLD CLEANER AEROSOL
PART NUMBER: CLE0012

DOCUMENT PREPARED BY: DIE MOULD EQUIPMENT PTY LTD (DME)
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The following Checklist and 16 Header MSDS format is in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets, required under Workplace Hazardous Substances and Dangerous Goods legislation.

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: MOLD CLEANER AEROSOL
PART NUMBER: CLE0012
CHEMICAL NAME: MIXTURE
CHEMICAL FAMILY: HYDROCARBON SOLVENT
OTHER/Common Names: MOULD CLEANER; FINGERPRINT REMOVER FOR PLASTICS MOULDS AND DIE CAST DIES

RECOMMENDED USE: FOR MOULD CLEANING AND REMOVAL OF FINGERPRINT RESIDUES. REMOVES CORROSION-FORMING SUBSTANCES SUCH AS PERSPIRATION RESIDUES, LACTIC ACID, UREA AND SODIUM CHLORIDE. 20 DAY CORROSION PROTECTION AT TEMPERATURES TO 48°C AT 100% HUMIDITY.

EMERGENCY TELEPHONE: **AMBULANCE / FIRE: 000 (AUSTRALIA)**
MANUFACTURER: 0011 1 800 424 9300 (INTERNATIONAL)

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SECTION 2: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTES: EYES, SKIN, INHALATION.

ACTUE EFFECTS:
INHALATION VALVE. OVEREXPOSURE IS UNLIKELY SINCE OPERATOR CONTROLS SPRAY IN EXCESS OF TLVS MAY CAUSE DIZZINESS OR NAUSEA.

EYE MAY CAUSE IRRITATION.

SKIN MAY BE SLIGHT IRRITANT TO SENSITIVE SKIN ON PROLONGED CONTACT.

INGESTION NO SERIOIUS EFFECTS KNOWN.

CARCINOGENICITY: NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUCT AT GREATHER THAN 0.1% IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

MEDICAL CONDITIONS AGGRAVATED BY LONG TERM EXPOSURE: PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

CHRONIC EFFECTS: UNKNOWN

H.M.I.S. RATING: HEALTH 1, FLAMMABILITY 2, REACTIVITY 0.

DOT HAZARD CLASSIFICATION: UN 1268, III

PROPER SHIPPING NAME: CONSUMER COMMODITY

CHEMICAL ABSTRACT REGISTRY NUMBER: N/A

IDENTIFICATION NUMBER: NONE

RISKS: DO NOT STORE ABOVE 48°C. DO NOT PUNCTURE OR INCINERATE. DO NOT USE NEAR OPEN FLAME OR EXCESSIVE HEAT. DO NOT PLACE CAN IN DIRECT SUNLIGHT OR NEAR OTHER HEAT SOURCES. USE ONLY IN WELL VENTILATED AREA. AVOID

CONTACT

WITH EYES OR PROLONGED CONTACT WITH SKIN.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDISERS.

SAFETY:
NOT

STORE IN COOL, DRY AREA. KEEP CONTAINERS CLOSED WHEN

IN USE. NEVER EAT, DRINK OR SMOKE IN WORK AREAS AND PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS

MATERIAL.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT:</u>	<u>APPROX. WEIGHT %:</u>	<u>CAS NUMBER:</u>	<u>HAZARDS:</u>
1,2,4-TRIMETHYLBENZENE	<1	95-63-6	TLV: 25ppm PEL: N/E STEL: N/E OTHER: N/E
CARBON DIOXIDE (PROPELLANT)	1-10	124-38-9	TLV: 5000ppm PEL: 10,000ppm STEL: 30,000ppm OTHER: N/E
HEXYLENE GLYCOL	1-10	107-41-5	TLV: N/E PEL: N/E STEL: N/E OTHER: N/E
KEROSENE	30-60	8008-20-6	TLV: N/E PEL: N/E STEL: N/E OTHER: 100mg/m ³

MINERAL OIL	1-10	64741-45-3 64741-97-5 64742-54-7	TLV: 5mg/m ³ as oil mist PEL: 5mg/m ³ as oil mist STEL: 10mg/m ³ as oil mist OTHER: N/E
STODDARD SOLVENT	10-30	8052-41-3	TLV: 100ppm PEL: 500ppm STEL: N/E OTHER:
NIOSH:350mg/m ³			

TLV = Threshold Limit Value; PEL = Permissible Exposure Limit; STEL = Short Term Exposure Limit;
N/E = Not Established; N/A = Not Applicable.

SECTION 4: FIRST AID MEASURES

INHALATION: REMOVE TO FRESH-AIR LOCATION.
(NB: IF DELIBERATELY CONCENTRATED OR INHALED, CALL MEDICAL PRACTITIONER.)

EYES: FLUSH WITH PLENTY OF COOL CLEAN WATER FOR 15 MINUTES. CALL MEDICAL PRACTITIONER.

SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSING. CONSULT MEDICAL PRACTITIONER IF ANY CONCERNS.

INGESTION: SEEK MEDICAL ADVICE.

NOTE TO MEDICAL PRACTITIONER: NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE MEDICAL PRACTITIONER'S JUDGEMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE.

UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOL CANS UNDER PRESSURE. EXCESSIVE HEAT DUE TO FIRE MAY CAUSE RUPTURE OR EXPLOSION OF CANS.

HAZARD DATA:

FLASH POINT: 40°C

AUTOIGNITION TEMPERATURE: N/D

LEL: N/D

UEL: N/D

NFPA: HEALTH 1; FLAMMABILITY 2; REACTIVITY 0; SPECIAL N/A.

N/A – Not Applicable; N/D = Not Determined.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: PROVIDE VENTILATION. KEEP AWAY FROM ALL SOURCES OF IGNITIONS. APPLY DRY ABSORBENT TYPE MATERIAL TO SOAK UP ANY LIQUIDS RELEASED FROM CANS AND CLEAN UP. REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE.

SECTION 7: HANDLING AND STORAGE

STORAGE REQUIREMENTS: STORE BELOW 48° C. STORE IN COOL, DRY AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

HANDLING PRECAUTIONS: AVOID CONTACT WITH STRONG OXIDISERS. USE WITH ADEQUATE VENTILATION. DO NOT SPRAY NEAR OPEN FLAMES OR SPARKS. WASH THOROUGHLY AFTER HANDLING.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: MECHANICAL FORCED VENTILATION IS PREFERRED, ESPECIALLY IN CONFINED SPACES.

RESPIRATORY PROTECTION: REQUIRED IF THE EXPOSURE LIMITS IN SECTION 3 ARE EXCEEDED.

VENTILATION: ADEQUATE VENTILATION NEEDED.

SKIN PROTECTION: USE RUBBER GLOVES IF SKIN IS SENSITIVE.

EYE/FACE PROTECTION: SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTION: EYE WASH AND SAFETY SHOWER RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: NOT NORMALLY REQUIRED, HOWEVER, REFER TO YOUR COMPANY'S OH&S POLICIES AND PROCEDURES.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOUR: CLEAR, DARK LIQUID. SLIGHT PERFUMED ODOUR (WINTERGREEN).

BOILING POINT: N/A

VAPOUR DENSITY (AIR=1): N/D

FREEZING/MELTING POINT: N/D

SPECIFIC GRAVITY (H₂O=1): .83

VAPOUR PRESSURE (mmHg): N/A

SOLUBILITY IN WATER: INSOLUBLE

EVAPORATION RATE (BuAc = 1): N/D

pH (Neat): N/A

N/D = Not Determined; N/A = Not Applicable.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDISERS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL; OXIDES OF CARBON.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO REPORTING REQUIREMENTS.

SECTION 12: ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT PUNCTURE OR INCINERATE. FOLLOW PERTINENT REGULATIONS FOR DISPOSAL.

SECTION 14: TRANSPORT INFORMATION

UN 1950, AEROSOLS.
CLASS 2.1. CLASSED AS DANERGOUS GOODS
TRANSPORT IN CARDBOARD BOX.
TRANSPORT VIA ROAD, RAIL AND SEA.

SECTION 15: REGULATORY INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS IN ACCORDANCE WITH THE NATIONAL CODE OF PRACTICE (AUSTRALIA), REQUIRED UNDER WORKPLACE HAZARDOUS SUBSTANCE AND DANGEROUS GOODS LEGISLATION.

INTERNATIONAL REGULATORY AND ADDITIONAL INFORMATION PROVIDED BY THE MANUFACTURER:

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCTS SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN SPECIFIC CONTEXT OF THE INTENDED USE, AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUINCIATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED.

SECTION 16: OTHER INFORMATION

LAST REVISION DATE OF THIS MATERIAL SAFETY DATA SHEET: 3 FEBRUARY 2012

SOURCES: HOUGHTON INTERNATIONAL, INC MSDS
