

# MATERIAL SAFETY DATA SHEET

**PRODUCT: NEXGEN METAL AND MOLD CLEANER**  
**PART NUMBER: 46410**

**DOCUMENT PREPARED BY: DIE MOULD EQUIPMENT PTY LTD (DME)**  
**TELEPHONE NUMBER: 02 9987 2900**  
**FAX NUMBER: 02 9987 2902**

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: NEXGEN METAL AND MOLD CLEANER  
PART NUMBER: 46410  
CHEMICAL NAME: NATURAL CITRUS OIL  
CHEMICAL FAMILY: TERPENE  
OTHER/Common Names: CITRUS MOULD CLEANER

RECOMMENDED USE: GENERAL CLEANING AND WIPING. REMOVING SILICONE AND LITHIUM  
GREASE. DEGREASING. OIL SPILL CLEAN-UP AND REMEDIATION. DEWAXING. PAINT LINE FLUSH AND CLEAN UP. INK, TAR AND ADHESIVE REMOVAL. PAINT AND GRAFFITI REMOVAL.

EMERGENCY TELEPHONE: AMBULANCE/FIRE: 000 (AUSTRALIA)  
MANUFACTURER: 0011 1 800 535 5053 (INTERNATIONAL TO USA)

SUPPLIED BY: DIE MOULD EQUIPMENT PTY LTD (DME)  
ABN: 69 136 336 840  
17/37A KING ROAD, HORNSBY, NSW, 2077, AUSTRALIA  
TELEPHONE: 02 9987 2900 FAX: 02 9987 2902

## SECTION 2: HAZARDS IDENTIFICATION

DOT HAZARD CLASSIFICATION: ORM-D  
FORMULA: 54531A  
DOT SHIPPING NAME: CONSUMER COMMODITY  
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE  
IDENTIFICATION NUMBER: NONE  
H.M.I.S. RATING: 1, 3 O, B

RISKS: AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 48° C. VERY FLAMMABLE. DO NOT SPRAY NEAR OPEN FLAMES. CONTENTS PRESSURIZED. DO NOT PUNCTURE OR INCINERATE. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, ACIDS, HALOGENS, PEROXIDES, VINYL, CHLORIDE AND IODINE PENTAFLUORIDE

SAFETY: STORE BELOW 48° C. STORE INDOORS, AWAY FROM HEAT OR DIRECT SUNLIGHT ABOVE 48° C.  
FOOD APPROVED.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIAL:</u>	<u>APPROX. WEIGHT %:</u>	<u>CAS NUMBER:</u>	<u>TLV (UNITS):</u>
NATURAL TURPEN	20-80	598907-5	200 PPM
ESTER SOLVENT	20-80	PROPRIETARY	N/A
PROPANE	10-15	74-98-6	1000 PPM

FORMULA: 54531A  
SYNONYMS: CITRUS MOLD CLEANER

CONTAINS NO OZONE DEPLETING CHEMICALS  
CITRUS AND VEGETABLE PRODUCT  
FOOD APPROVED

### SECTION 4: FIRST AID MEASURES

SKIN: WASH WITH SOAP AND WATER, APPLY HAND CREAM.  
INHALATION: REMOVE TO FRESH-AIR LOCATION.  
EYES: FLUSH WITH COOL CLEAN WATER FOR AT LEAST 10 MINUTES. CALL MEDICAL PRACTITIONER.

ADDITIONAL INFORMATION: USERS WITH EXTREME SENSITIVITY TO LACTIC ACID CAN BE MORE SUSCEPTIBLE TO EFFECTS OF INHALATION.

### SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO<sub>2</sub>, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF CONTAINING BREATHING APPARATUS.

HAZARD DATA:

FLAMMABLE LIMITS IN AIR: LEL: 1.0 UEL:10.0 (VOLUME %)  
FLASH POINT: N/A  
AEROSOL FLAME PROJECTION TEST: >46cm AT 21° C

UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 48° C. VERY FLAMMABLE.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE.

### SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS, AWAY FROM HEAT OR DIRECT SUNLIGHT ABOVE 48° C.

OTHER PRECAUTIONS: DO NOT DROP, DO NOT SPRAY NEAR OPEN FLAMES, DO NOT PUNCTURE OF INCINERATION EMPTY OR FULL CONTAINERS

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

THRESHOLD LIMIT VALUE: 200 PPM

RESPIRATORY PROTECTION: NOT NEEDED WITH ADEQUATE VENTILATION.

VENTILATION: ADEQUATE VENTILATION NEEDED. IN THE EVENT OF HIGH VAPOUR CONCENTRATIONS USE RESPIRATOR.

PROTECTIVE GLOVES: NOT REQUIRED, BUT RECOMMENDED.

EYE PROTECTION: SAFETY GLASSES SHOULD ALWAYS BE WORN IN AN INDUSTRIAL OPERATION.

OTHER PROTECTIVE EQUIPMENT: NOT NORMALLY REQUIRED.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOUR: CLEAR LIQUID IN AEROSOL, SWEET ODOUR

BOILING POINT: 144° C.

FREEZING POINT: NOT MEASURED.

SPECIFIC GRAVITY (H<sub>2</sub>O=1): .765

VAPOUR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 1

VAPOUR DENSITY (AIR=1): 4.7

SOLUBILITY IN WATER, % BY WT.: 50%

PERCENT VOLATILE BY WEIGHT: >98%

EVAPORATION RATE (MINUTES): .28

FLASHPOINT: 52° C (TAG C.C.)

## **SECTION 10: STABILITY AND REACTIVITY**

STABILITY: STABLE

INCOMPATIBILITY (MATERIAL TO AVOID): STRONG OXIDIZING AGENTS, ACIDS, HALOGENS, PEROXIDES, VINYL, CHLORIDE AND IODINE PENTAFLUORIDE.

HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO<sub>2</sub>

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONTIONS TO AVOID: DO NOT PUNCTURE OR INCINERATE.

STORE BELOW 48° C

## **SECTION 11: TOXICOLOGICAL INFORMATION**

INGESTION (SWALLOWING): UNLIKELY.

INHALATION (OVEREXPOSURE): MAY CAUSE RESPIRATORY SYSTEM IRRITATION OR LIGHT HEADEDNESS. USER WITH EXTREME SENSITIVITY TO LACTIC ACID CAN BE MORE SUSCEPTIBLE TO EFFECTS.

SKIN CONTACT: TEMPORARY DE-FATTING, POSSIBLE IRRITATION.

EYE CONTACT: MAY CAUSE EYE IRRITATION

NO CHEMICALS IN THIS PRODUCT ARE CURRENTLY LISTED AS CARCINOGENS.

## **SECTION 12: ECOLOGICAL INFORMATION**

NATURAL CITRUS OIL / CITRUS AND VEGETABLE PRODUCT.  
BIODEGRADABLE.  
RINSES AWAY WITH WATER.  
LEAVES NO RESIDUE.  
NON-CORROSIVE.  
NOT A HAZARDOUS AIR POLLUTANT.  
NO GLOBAL WARMING COMPOUNDS.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: EMPTY FULLY, INCLUDING GAS PRESSURE. DO NOT PUNCTURE OR INCINERATE. CAN MAY BE RECYLCED OR ALTERNATIVELY REMOVED TO A REGULATED LANDFILL WASTE MANAGEMENT CENTRE.

## **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: 29 OCTOBER 2010

SOURCES: SLIDE PRODUCTS, INC MSDS