

Common Name: VALVE ACTION PAINT MARKERS, CERTIFIED VALVE ACTION PAINT MARKERS

Manufacturer: LA-CO INDUSTRIES

SDS Revision Date: 11/6/2015

SDS Format: GHS-US

Grainger Item Number(s): 21U675, 21U676, 21U677, 21U678, 21U679, 2F934, 2F936, 2F938, 2F940, 2WVG9, 2WMH1, 2WMH2, 2WMH3, 2WMH4, 2WMH5, 2WMH6, 2WMH7, 2WMH8, 2WMH9, 8UPM8

Manufacturer Model Number(s):

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SAFETY DATA SHEET

LA-CO INDUSTRIES, INC.

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS

ACCORDING TO FEDERAL REGISTER / VOL. 77, NO. 58 / MONDAY, MARCH 26, 2012 /
RULES AND REGULATIONS

ACCORDING TO CANADIAN HAZARDOUS PRODUCTS REGULATIONS (HPR)

DATE OF ISSUE: 04/16/2015

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SUPERSEDES: 10/29/2015

VERSION: 1.2

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE

AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER:

PRODUCT FORM: ARTICLE

TRADE NAME:

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS

SYNONYMS:

VALVE ACTION(R*) PAINT MARKER WHITE, YELLOW, BLACK, BLUE, GREEN, ALUMINUM, PURPLE, LIGHT BLUE, LIGHT GREEN, FLUORESCENT YELLOW, FLUORESCENT GREEN, FLUORESCENT ORANGE, FLUORESCENT PINK, INVISIBLE UV, RED, ORANGE, PINK, BROWN, GOLD

CERTIFIED VALVE ACTION(R*) PAINT MARKER WHITE, YELLOW, RED, BLACK

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

USE OF THE SUBSTANCE/MIXTURE: MARKING.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

LA-CO INDUSTRIES, INC.
1201 PRATT BOULEVARD
ELK GROVE VILLAGE, IL. 60007-5746

PHONE: (847) 956-7600

FAX: (847) 956-9885

E-MAIL: CUSTOMER_SERVICE@LACO.COM

1.4. EMERGENCY TELEPHONE NUMBER:

EMERGENCY NUMBER:

24-HOUR EMERGENCY:

CHEMTREC:

U.S.: 1-800-424-9300

INTERNATIONAL: +1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION



2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLASSIFICATION IN ACCORDANCE WITH THE GLOBALLY HARMONIZED STANDARD:
NOT CLASSIFIED

2.2 LABEL ELEMENTS:

GHS-US LABELLING: NO LABELLING APPLICABLE

2.3. OTHER HAZARDS:

2.4 UNKNOWN ACUTE TOXICITY (GHS US):

0.28 PERCENT OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN ACUTE TOXICITY (ORAL)

0.28 PERCENT OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN ACUTE TOXICITY (DERMAL)

0.28 PERCENT OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN ACUTE TOXICITY (INHALATION (DUST/MIST))

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS



3.1. SUBSTANCE: NOT APPLICABLE

3.2. MIXTURE:

NAME	PRODUCT IDENTIFIER	% (W/W)	GHS-US CLASSIFICATION
1-METHOXY-2-PROPANOL	(CAS NO): 107-98-2	47.05 WHITE	FLAM. LIQ. 3, H226 STOT SE 3, H336
		53.32 YELLOW	
		56.66 RED	
		53.03 BLACK, CERTIFIED BLACK	
		55.56 BLUE	
		56.4 GREEN	
		53.86 ORANGE	
		77.11 ALUMINUM	
		50.88 PURPLE	
		47.11 PINK	
		47.57 LIGHT BLUE	
		47.1 LIGHT GREEN	
		56.53 BROWN	
		71.2 GOLD	
		42.53 FLUORESCENT YELLOW, FLUORESCENT ORANGE	

WHITE

53.71
CERTIFIED
YELLOW

56.8
CERTIFIED
RED

ETHANOL

(CAS NO): 64-17-5

13.07 WHITE, FLAM. LIQ. 2, H225
CERTIFIED WHITE

15.49 YELLOW,
CERTIFIED
YELLOW

13.47 RED,
CERTIFIED RED

19.8 BLACK,
CERTIFIED BLACK

14.18 BLUE

12.89 GREEN

13.18 ORANGE,
BROWN

16.3 PURPLE

12.68 PINK

12.64
LIGHT BLUE

12.61
LIGHT GREEN

8.04
FLUORESCENT
YELLOW,
FLUORESCENT
ORANGE

6.8
FLUORESCENT
GREEN

2-METHOXY-1-
METHYLETHYL
ACETATE

(CAS NO): 108-65-6

0.3 - 0.6 FLAM. LIQ. 3, H226
WHITE,
CERTIFIED WHITE

0.36 - 0.73
YELLOW,
CERTIFIED
YELLOW

0.47 - 0.94
RED, CERTIFIED
RED

0.55 - 1.1

BLACK,
CERTIFIED BLACK

0.76 - 1.52
BLUE

0.74 - 1.48
GREEN

0.86 - 1.72
ORANGE

0.05 - 0.1
PURPLE

0.4 - 0.8
PINK

0.42 - 0.85
LIGHT BLUE

0.48 - 0.96
LIGHT GREEN

0.6 - 1.21
BROWN

0.97 - 1.93
GOLD

0.21 - 0.41
FLUORESCENT
YELLOW,
FLUORESCENT
ORANGE,
FLUORESCENT
PINK

0.22 - 0.45
FLUORESCENT
GREEN

4-[[4-(AMINO- (CAS NO): 2786-76-7 3.64 RED, SKIN SENS. 1, H317
CARBONYL)
PHENYL]AZO]-
N-(2-
ETHOXYPHENYL)-
3-HYDROXY-
NAPHTHALENE-2-
CARBOXAMIDE,
C.I. PIGMENT
RED 170
(NAPHTHOL <1%)

ISOPROPANOL (CAS NO): 67-63-0 2.31 WHITE, FLAM. LIQ. 2, H225
CERTIFIED WHITE EYE IRRIT. 2A, H319
STOT SE 3, H336
2.73 YELLOW,
CERTIFIED
YELLOW
2.38 RED,
CERTIFIED RED

3.49 BLACK,
CERTIFIED BLACK

2.5 BLUE

2.28 GREEN

2.33 ORANGE,
BROWN

2.88 PURPLE

2.24 PINK

2.23 LIGHT
BLUE, LIGHT
GREEN

1.42
FLUORESCENT
YELLOW,
FLUORESCENT
ORANGE

1.2
FLUORESCENT
GREEN

1.49
FLUORESCENT
PINK

0.54
INVISIBLE UV

ETHYL ACETATE (CAS NO): 141-78-6

0.76 WHITE,
CERTIFIED WHITE

FLAM. LIQ. 2, H225
EYE IRRIT. 2A, H319
STOT SE 3, H336

0.91 YELLOW,
RED, CERTIFIED
YELLOW,
CERTIFIED RED

0.93 BLACK,
CERTIFIED BLACK

0.83 BLUE

0.87 GREEN

0.89 ORANGE,
BROWN

0.79 ALUMINUM

1.1 PURPLE

0.73 PINK,
LIGHT BLUE,
LIGHT GREEN

0.64 GOLD

0.65

FLUORESCENT
YELLOW,
FLUORESCENT
ORANGE,
FLUORESCENT
PINK

0.7
FLUORESCENT
GREEN

2.22
INVISIBLE UV

CARBON BLACK	(CAS NO): 1333-86-4	1.84 BLACK, CERTIFIED BLACK	CARC. 2, H351
4-METHYL-7- DIETHYLAMINO- COUMARIN	(CAS NO): 91-44-1	1.43 INVISIBLE UV	ACUTE TOX. 4 (DERMAL), H312 ACUTE TOX. 4 (INHALATION), H332 SKIN IRRIT. 2, H315 EYE IRRIT. 2A, H319
PROPYL ACETATE	(CAS NO): 109-60-4	0.77 WHITE, ORANGE, BROWN, CERTIFIED WHITE	FLAM. LIQ. 2, H225 EYE IRRIT. 2A, H319 STOT SE 3, H336
		0.91 YELLOW, CERTIFIED YELLOW	
		0.79 RED, CERTIFIED RED	
		1.16 BLACK, CERTIFIED BLACK	
		0.83 BLUE	
		0.76 GREEN	
		0.96 PURPLE	
		0.75 PINK	
		0.74 LIGHT BLUE, LIGHT GREEN	
		0.47 FLUORESCENT YELLOW, FLUORESCENT ORANGE	
		0.4 FLUORESCENT GREEN	
		0.18 INVISIBLE	

FULL TEXT OF H-STATEMENTS: SEE SECTION 16

SECTION 4: FIRST AID MEASURES



4.1. DESCRIPTION OF FIRST AID MEASURES:

FIRST-AID MEASURES GENERAL:

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ADVICE/ATTENTION IF YOU FEEL UNWELL.

FIRST-AID MEASURES AFTER INHALATION:

REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

FIRST-AID MEASURES AFTER SKIN CONTACT:

REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.

FIRST-AID MEASURES AFTER EYE CONTACT:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER.

FIRST-AID MEASURES AFTER INGESTION:

DO NOT INDUCE VOMITING. GET MEDICAL ADVICE/ATTENTION.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SYMPTOMS/INJURIES AFTER INHALATION: MAY CAUSE DROWSINESS OR DIZZINESS.

SYMPTOMS/INJURIES AFTER SKIN CONTACT: MAY CAUSE MODERATE IRRITATION.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: TREAT SYMPTOMATICALLY.

SECTION 5: FIREFIGHTING MEASURES



5.1. EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA:

CARBON DIOXIDE. DRY CHEMICAL. INERT GAS. FOAM. WATER SPRAY. WATER FOG.

UNSUITABLE EXTINGUISHING MEDIA: DO NOT USE A HEAVY WATER STREAM.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

FIRE HAZARD:

FLAMMABLE LIQUID AND VAPOUR. BURNING PRODUCES IRRITATING, TOXIC AND NOXIOUS FUMES.

REACTIVITY: NO DANGEROUS REACTIONS KNOWN.

5.3. ADVICE FOR FIREFIGHTERS:

FIREFIGHTING INSTRUCTIONS:

EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES. ELIMINATE ALL IGNITION SOURCES IF SAFE TO DO SO.

PROTECTION DURING FIREFIGHTING:
DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING
RESPIRATORY PROTECTION. USE SELF-CONTAINED BREATHING APPARATUS.

SECTION 6: ACCIDENTAL RELEASE MEASURES



6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

GENERAL MEASURES:

REMOVE IGNITION SOURCES. USE SPECIAL CARE TO AVOID STATIC ELECTRIC CHARGES.
NO OPEN FLAMES. NO SMOKING. AVOID ALL EYE AND SKIN CONTACT AND DO NOT
BREATHE VAPOUR AND MIST.

6.1.1. FOR NON-EMERGENCY PERSONNEL:

PROTECTIVE EQUIPMENT:

CHEMICAL GOGGLES OR SAFETY GLASSES. WEAR SUITABLE GLOVES.

EMERGENCY PROCEDURES: EVACUATE UNNECESSARY PERSONNEL.

6.1.2. FOR EMERGENCY RESPONDERS:

PROTECTIVE EQUIPMENT:

CHEMICAL GOGGLES OR SAFETY GLASSES. WEAR SUITABLE GLOVES.

EMERGENCY PROCEDURES: STOP LEAK IF SAFE TO DO SO. VENTILATE AREA.

6.2. ENVIRONMENTAL PRECAUTIONS: AVOID RELEASE TO THE ENVIRONMENT.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

FOR CONTAINMENT:

ELIMINATE ALL IGNITION SOURCES. STOP THE FLOW OF MATERIAL, IF THIS IS
WITHOUT RISK.

METHODS FOR CLEANING UP:

SOAK UP SPILLS WITH INERT SOLIDS, SUCH AS CLAY OR DIATOMACEOUS EARTH AS
SOON AS POSSIBLE. TAKE UP IN NON-COMBUSTIBLE ABSORBENT MATERIAL AND SHOVE
INTO CONTAINER FOR DISPOSAL.

6.4. REFERENCE TO OTHER SECTIONS:

SECTION 13: DISPOSAL INFORMATION.

SECTION 7: SAFE HANDLING.

SECTION 8: PERSONAL PROTECTIVE EQUIPMENT.

SECTION 7: HANDLING AND STORAGE



7.1. PRECAUTIONS FOR SAFE HANDLING:

ADDITIONAL HAZARDS WHEN PROCESSED:

HANDLE EMPTY CONTAINERS WITH CARE BECAUSE RESIDUAL VAPOURS ARE FLAMMABLE.

PRECAUTIONS FOR SAFE HANDLING:

NO OPEN FLAMES. NO SMOKING. TAKE PRECAUTIONARY MEASURES AGAINST STATIC
DISCHARGE. USE ONLY NON-SPARKING TOOLS. AVOID ALL EYE AND SKIN CONTACT AND
DO NOT BREATHE VAPOUR AND MIST. USE ONLY OUTDOORS OR IN A WELL-VENTILATED
AREA.

HYGIENE MEASURES:

WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE CONDITIONS:

KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION.

INCOMPATIBLE PRODUCTS: STRONG OXIDIZERS.

INCOMPATIBLE MATERIALS: HEAT SOURCES.

HEAT AND IGNITION SOURCES: KEEP AWAY FROM HEAT, SPARKS AND FLAME.

PROHIBITIONS ON MIXED STORAGE: KEEP AWAY FROM INCOMPATIBLE MATERIALS.

STORAGE AREA: STORE IN DRY, COOL, WELL-VENTILATED AREA.

7.3. SPECIFIC END USE(S): MARKING.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



8.1. CONTROL PARAMETERS:

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS:

ACGIH: NOT APPLICABLE

OSHA: NOT APPLICABLE

1-METHOXY-2-PROPANOL (107-98-2):

ACGIH:

ACGIH TWA (MG/M3): 369 MG/M3

ACGIH:

ACGIH TWA (PPM): 50 PPM

ACGIH:

ACGIH STEL (MG/M3): 553 MG/M3

ACGIH:

ACGIH STEL (PPM): 100 PPM

ACGIH:

REMARK (ACGIH): EYE IRR; CNS IMPAIR; A4

OSHA: NOT APPLICABLE

CANADA (QUEBEC):

VECD (MG/M3): 553 MG/M3

CANADA (QUEBEC):

VECD (PPM): 150 PPM

CANADA (QUEBEC):

VEMP (MG/M3): 369 MG/M3

CANADA (QUEBEC):

VEMP (PPM): 100 PPM

ETHYL ACETATE (141-78-6):

ACGIH:

ACGIH TWA (MG/M3): 1440 MG/M3

ACGIH:

ACGIH TWA (PPM): 400 PPM

ACGIH:

REMARK (ACGIH): URT & EYE IRR

OSHA:

OSHA PEL (TWA) (MG/M3): 1400 MG/M3

OSHA:

OSHA PEL (TWA) (PPM): 400 PPM

CANADA (QUEBEC):

VEMP (MG/M3): 1440 MG/M3

CANADA (QUEBEC):

VEMP (PPM): 400 PPM

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):

ACGIH: NOT APPLICABLE

OSHA: NOT APPLICABLE

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):

ACGIH: NOT APPLICABLE

OSHA: NOT APPLICABLE

ETHANOL (64-17-5):

ACGIH:

ACGIH TWA (MG/M3): 1884 MG/M3

ACGIH:

ACGIH TWA (PPM): 1000 PPM

ACGIH:

ACGIH STEL (PPM): 1000 PPM

ACGIH:

REMARK (ACGIH): URT IRR

OSHA:

OSHA PEL (TWA) (MG/M3): 1900 MG/M3

OSHA:

OSHA PEL (TWA) (PPM): 1000 PPM

CANADA (QUEBEC):

VEMP (MG/M3): 1880 MG/M3

CANADA (QUEBEC):

VEMP (PPM): 1000 PPM

ISOPROPANOL (67-63-0):

ACGIH:

ACGIH TWA (MG/M3): 490 MG/M3

ACGIH:

ACGIH TWA (PPM): 200 PPM

ACGIH:
ACGIH STEL (MG/M3): 960 MG/M3

ACGIH:
ACGIH STEL (PPM): 400 PPM

ACGIH:
REMARK (ACGIH): EYE & URT IRR; CNS IMPAIR

OSHA:
OSHA PEL (TWA) (MG/M3): 980 MG/M3

OSHA:
OSHA PEL (TWA) (PPM): 400 PPM

CANADA (QUEBEC):
VECD (MG/M3): 1230 MG/M3

CANADA (QUEBEC):
VECD (PPM): 500 PPM

CANADA (QUEBEC):
VEMP (MG/M3): 983 MG/M3

CANADA (QUEBEC):
VEMP (PPM): 400 PPM

PROPYL ACETATE (109-60-4):

ACGIH:
ACGIH TWA (MG/M3): 835 MG/M3

ACGIH:
ACGIH TWA (PPM): 200 PPM

ACGIH:
ACGIH STEL (MG/M3): 1040 MG/M3

ACGIH:
ACGIH STEL (PPM): 250 PPM

ACGIH:
REMARK (ACGIH): EYE & URT IRR

OSHA:
OSHA PEL (TWA) (MG/M3): 840 MG/M3

OSHA:
OSHA PEL (TWA) (PPM): 200 PPM

CANADA (QUEBEC):
VECD (MG/M3): 1040 MG/M3

CANADA (QUEBEC):
VECD (PPM): 250 PPM

CANADA (QUEBEC):
VEMP (MG/M3): 835 MG/M3

CANADA (QUEBEC):
VEMP (PPM): 200 PPM

CARBON BLACK (1333-86-4):

ACGIH:
ACGIH TWA (MG/M3): 3.5 MG/M3

ACGIH:
REMARK (ACGIH): BRONCHITIS

OSHA:
OSHA PEL (TWA) (MG/M3): 3.5 MG/M3

CANADA (QUEBEC):
VEMP (MG/M3):
10 MG/M3 (FIBRES DE CARBONE ET DE GRAPHITE; POUSSIÈRE TOTALE)
5 MG/M3 (FIBRES DE CARBONE ET DE GRAPHITE; POUSSIÈRE RESPIRABLE)
3.5 MG/M3

4-METHYL-7-DIETHYLAMINOCOUMARIN (91-44-1):
ACGIH: NOT APPLICABLE
OSHA: NOT APPLICABLE

8.2. EXPOSURE CONTROLS:

APPROPRIATE ENGINEERING CONTROLS:
PROVIDE LOCAL EXHAUST VENTILATION OF CLOSED TRANSFER SYSTEMS TO MINIMIZE EXPOSURES.

PERSONAL PROTECTIVE EQUIPMENT: AVOID ALL UNNECESSARY EXPOSURE.

HAND PROTECTION:
NONE UNDER NORMAL USE. IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT. WEAR SUITABLE GLOVES. RUBBER.

EYE PROTECTION:
NO SPECIAL EYE PROTECTION EQUIPMENT RECOMMENDED UNDER NORMAL CONDITIONS OF USE. EYE PROTECTION SHOULD ONLY BE NECESSARY WHERE LIQUID COULD BE SPLASHED OR SPRAYED.

RESPIRATORY PROTECTION:
NO SPECIAL RESPIRATORY PROTECTION EQUIPMENT IS RECOMMENDED UNDER NORMAL CONDITIONS OF USE WITH ADEQUATE VENTILATION. IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION. USE AN APPROVED RESPIRATOR EQUIPPED WITH OIL/MIST CARTRIDGES.

CONSUMER EXPOSURE CONTROLS: KEEP OUT OF REACH OF CHILDREN.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: LIQUID

APPEARANCE: SOLID MARKER CONTAINING LIQUID COLORED PAINT.

COLOUR: VARIABLE.

ODOUR: SOLVENT.

ODOUR THRESHOLD: NO DATA AVAILABLE

PH: NO DATA AVAILABLE

RELATIVE EVAPORATION RATE (BUTYL ACETATE=1): <1

MELTING POINT: NO DATA AVAILABLE

FREEZING POINT: NO DATA AVAILABLE

BOILING POINT: 120 DEG. C

FLASH POINT: 31 DEG. C

AUTO-IGNITION TEMPERATURE: 287 DEG. C

DECOMPOSITION TEMPERATURE: NO DATA AVAILABLE

FLAMMABILITY (SOLID, GAS): NO DATA AVAILABLE

VAPOUR PRESSURE: 11.8

RELATIVE VAPOUR DENSITY AT 20 DEG. C: NO DATA AVAILABLE

RELATIVE DENSITY: 1 - 1.33

SOLUBILITY: INSOLUBLE IN WATER.

LOG POW: 0.7

LOG KOW: NO DATA AVAILABLE

VISCOSITY, KINEMATIC: NO DATA AVAILABLE

VISCOSITY, DYNAMIC: NO DATA AVAILABLE

EXPLOSIVE PROPERTIES: NO DATA AVAILABLE

OXIDISING PROPERTIES: NO DATA AVAILABLE

EXPLOSIVE LIMITS: NO DATA AVAILABLE

9.2. OTHER INFORMATION:

VOC CONTENT: 50 - 60%

SECTION 10: STABILITY AND REACTIVITY



10.1. REACTIVITY: NO DANGEROUS REACTIONS KNOWN.

10.2. CHEMICAL STABILITY: FLAMMABLE LIQUID AND VAPOUR.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

10.4. CONDITIONS TO AVOID:
OPEN FLAME. OVERHEATING. DIRECT SUNLIGHT. HEAT. SPARKS.

10.5. INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS:
MAY RELEASE FLAMMABLE GASES. BURNING PRODUCES IRRITATING, TOXIC AND NOXIOUS FUMES. CARBON OXIDES (CO, CO2).

SECTION 11: TOXICOLOGICAL INFORMATION



11.1. INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY: NOT CLASSIFIED

1-METHOXY-2-PROPANOL (107-98-2):
LD50 ORAL RAT: 4016 MG/KG BODYWEIGHT
LD50 DERMAL RAT: >2000 MG/KG BODYWEIGHT
LC50 INHALATION RAT (PPM): >7000 PPM 6 HR
ATE CLP (ORAL): 4016.000 MG/KG BODYWEIGHT

ETHYL ACETATE (141-78-6):
LD50 ORAL RAT: 5620 MG/KG
LD50 DERMAL RABBIT: >20000 MG/KG
LC50 INHALATION RAT (MG/L): >18 MG/L/4H
ATE CLP (ORAL): 5620.000 MG/KG BODYWEIGHT

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
LD50 ORAL RAT: 8532 MG/KG
LD50 DERMAL RAT: >2000 MG/KG
LC50 INHALATION RAT (PPM): 4345 PPM 6 H
ATE CLP (ORAL): 8532.000 MG/KG BODYWEIGHT

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
LD50 ORAL RAT: >15000 MG/KG
LC50 INHALATION RAT (MG/L): >1580 MG/M3 4 H

ETHANOL (64-17-5):
LD50 ORAL RAT: 10470 MG/KG
LD50 DERMAL RABBIT: >20000 MG/KG
LC50 INHALATION RAT (MG/L): 133.8 MG/L/4H
ATE CLP (ORAL): 10470.000 MG/KG BODYWEIGHT
ATE CLP (VAPOURS): 133.800 MG/L/4H
ATE CLP (DUST, MIST): 133.800 MG/L/4H

ISOPROPANOL (67-63-0):
LD50 ORAL RAT: 5840 MG/KG
LD50 DERMAL RABBIT: 16.4 ML/KG
LC50 INHALATION RAT (PPM): >10000 PPM/4H
ATE CLP (ORAL): 5840.000 MG/KG BODYWEIGHT

PROPYL ACETATE (109-60-4):
LD50 ORAL RAT: 8700 MG/KG
LD50 DERMAL RABBIT: >17800 MG/KG
LC50 INHALATION RAT (MG/L): 32 MG/L/4H
ATE CLP (ORAL): 8700.000 MG/KG BODYWEIGHT
ATE CLP (VAPOURS): 32.000 MG/L/4H
ATE CLP (DUST, MIST): 32.000 MG/L/4H

CARBON BLACK (1333-86-4):
LD50 ORAL RAT: >8000 MG/KG
LC50 INHALATION RAT (MG/L): >4.6 MG/M3 4 H

4-METHYL-7-DIETHYLAMINOCOUMARIN (91-44-1):
LD50 ORAL RAT: >5000 MG/KG
ATE CLP (DERMAL): 1100.000 MG/KG BODYWEIGHT
ATE CLP (DUST, MIST): 1.500 MG/L/4H

SKIN CORROSION/IRRITATION: NOT CLASSIFIED

SERIOUS EYE DAMAGE/IRRITATION: NOT CLASSIFIED

RESPIRATORY OR SKIN SENSITISATION: NOT CLASSIFIED.

GERM CELL MUTAGENICITY: NOT CLASSIFIED

CARCINOGENICITY: NOT CLASSIFIED.

ISOPROPANOL (67-63-0):

IARC GROUP: 3 - NOT CLASSIFIABLE

CARBON BLACK (1333-86-4):

IARC GROUP: 2B - POSSIBLY CARCINOGENIC TO HUMANS, INHALATION OF DUST

NATIONAL TOXICOLOGY PROGRAM (NTP) STATUS:

NOT LISTED IN CARCINOGENICITY CLASS

REPRODUCTIVE TOXICITY: NOT CLASSIFIED

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): NOT CLASSIFIED.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): NOT CLASSIFIED

ASPIRATION HAZARD: NOT CLASSIFIED

POTENTIAL ADVERSE HUMAN HEALTH EFFECTS AND SYMPTOMS:

SYMPTOMS/INJURIES AFTER INHALATION: MAY CAUSE DROWSINESS OR DIZZINESS.

SYMPTOMS/INJURIES AFTER SKIN CONTACT: MAY CAUSE MODERATE IRRITATION.

SECTION 12: ECOLOGICAL INFORMATION



12.1 TOXICITY:

1-METHOXY-2-PROPANOL (107-98-2):

LC50 FISH 1: 20800 MG/L

EC50 DAPHNIA 1: 23300 MG/L

ERC50 (ALGAE): >1000 MG/L

ETHYL ACETATE (141-78-6):

LC50 FISH 1: 220 MG/L

EC50 DAPHNIA 1: 1200 MG/L

NOEC CHRONIC FISH: <9.35 MG/L

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):

LC50 FISH 1: 100 - 180 MG/L

EC50 DAPHNIA 1: >500 MG/L 48 H

ERC50 (ALGAE): >1000 MG/L

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):

LC50 FISH 1: >500 MG/L 96 H

EC50 DAPHNIA 1: >110 MG/L 48 H

ETHANOL (64-17-5):

LC50 FISH 1: 14200 MG/L

EC50 DAPHNIA 1: 5012 MG/L

ISOPROPANOL (67-63-0):

LC50 FISH 1: 10000 MG/L

PROPYL ACETATE (109-60-4):
LC50 FISH 1: 60 MG/L 96 H
EC50 DAPHNIA 1: 91.5 MG/L 48 H

12.2. PERSISTENCE AND DEGRADABILITY:

1-METHOXY-2-PROPANOL (107-98-2):
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.
BIODEGRADATION: 96% 28 D

ETHYL ACETATE (141-78-6):
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.
BIODEGRADATION: 89% 10 D

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
PERSISTENCE AND DEGRADABILITY: NOT READILY BIODEGRADABLE.
BIODEGRADATION: 0% 28 D

ETHANOL (64-17-5):
BIODEGRADATION: >96% 28 D

ISOPROPANOL (67-63-0):
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.

PROPYL ACETATE (109-60-4):
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE.
BIODEGRADATION: 62% 5 D

CARBON BLACK (1333-86-4):
PERSISTENCE AND DEGRADABILITY: NOT READILY BIODEGRADABLE.

12.3. BIOACCUMULATIVE POTENTIAL:

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS:
LOG POW: 0.7

1-METHOXY-2-PROPANOL (107-98-2):
BIOACCUMULATIVE POTENTIAL: NOT EXPECTED TO BIOACCUMULATE.

ETHYL ACETATE (141-78-6):
BIOACCUMULATIVE POTENTIAL: NOT EXPECTED TO BIOACCUMULATE.

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
LOG POW: 0.43

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
BCF FISH 1: 53 L/KG
LOG POW: 1.28

ETHANOL (64-17-5):
BIOACCUMULATIVE POTENTIAL: NOT EXPECTED TO BIOACCUMULATE.

ISOPROPANOL (67-63-0):
BIOACCUMULATIVE POTENTIAL: NOT EXPECTED TO BIOACCUMULATE.

PROPYL ACETATE (109-60-4):
LOG POW: 1.23

12.4. MOBILITY IN SOIL: NO ADDITIONAL INFORMATION AVAILABLE

12.5. OTHER ADVERSE EFFECTS: NO ADDITIONAL INFORMATION AVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS



13.1 WASTE TREATMENT METHODS:

SEWAGE DISPOSAL RECOMMENDATIONS: DO NOT DISPOSE OF WASTE INTO SEWER.

WASTE DISPOSAL RECOMMENDATIONS:
DISPOSE IN A SAFE MANNER IN ACCORDANCE WITH LOCAL/NATIONAL REGULATIONS.

ADDITIONAL INFORMATION:
HANDLE EMPTY CONTAINERS WITH CARE BECAUSE RESIDUAL VAPOURS ARE FLAMMABLE.

SECTION 14: TRANSPORT INFORMATION



IN ACCORDANCE WITH DOT AND TDG:

TRANSPORT DOCUMENT DESCRIPTION:
UN1263 PAINT (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE), 3, III

UN-NO.(DOT): UN1263

PROPER SHIPPING NAME (DOT):
PAINT INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH,
POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE

TRANSPORT HAZARD CLASS(ES) (DOT): 3 - FLAMMABLE LIQUID

PACKING GROUP (DOT): III - MINOR DANGER

ADR:
TRANSPORT DOCUMENT DESCRIPTION: UN 1263 PAINT, 3, III, (D/E)
PROPER SHIPPING NAME (ADR): PAINT
PACKING GROUP (ADR): III
TRANSPORT HAZARD CLASS(ES) (ADR): 3

TRANSPORT BY SEA:
UN-NO. (IMDG): UN1263
PROPER SHIPPING NAME (IMDG): PAINT
TRANSPORT HAZARD CLASS(ES) (IMDG): 3
PACKING GROUP (IMDG): III

AIR TRANSPORT:
UN-NO. (IATA): UN1263
PROPER SHIPPING NAME (IATA): PAINT
TRANSPORT HAZARD CLASS(ES) (IATA): 3
PACKING GROUP (IATA): III

SECTION 15: REGULATORY INFORMATION



15.1. US FEDERAL REGULATIONS:

1-METHOXY-2-PROPANOL (107-98-2):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

ETHYL ACETATE (141-78-6):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY
RQ (REPORTABLE QUANTITY, SECTION 304 OF EPA'S LIST OF LISTS): 5000 LB

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

ETHANOL (64-17-5):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

ISOPROPANOL (67-63-0):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

SARA SECTION 311/312 HAZARD CLASSES: FIRE HAZARD

PROPYL ACETATE (109-60-4):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

CARBON BLACK (1333-86-4):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

4-METHYL-7-DIETHYLAMINOCOUMARIN (91-44-1):
LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

15.2. INTERNATIONAL REGULATIONS:

CANADA:

1-METHOXY-2-PROPANOL (107-98-2):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

ETHYL ACETATE (141-78-6):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

ETHANOL (64-17-5):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

ISOPROPANOL (67-63-0):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

PROPYL ACETATE (109-60-4):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

CARBON BLACK (1333-86-4):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

4-METHYL-7-DIETHYLAMINOCOUMARIN (91-44-1):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST) INVENTORY.

EU-REGULATIONS:

1-METHOXY-2-PROPANOL (107-98-2):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

ETHYL ACETATE (141-78-6):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

4-[[4-(AMINOCARBONYL)PHENYL]AZO]-N-(2-ETHOXYPHENYL)-3-HYDROXYNAPHTHALENE-
2-CARBOXAMIDE, C.I. PIGMENT RED 170 (NAPHTHOL <1%) (2786-76-7):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

ETHANOL (64-17-5):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

ISOPROPANOL (67-63-0):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

PROPYL ACETATE (109-60-4):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

CARBON BLACK (1333-86-4):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

4-METHYL-7-DIETHYLAMINOCOUMARIN (91-44-1):
LISTED ON THE EEC INVENTORY EINECS (EUROPEAN INVENTORY OF EXISTING
COMMERCIAL CHEMICAL SUBSTANCES)

NATIONAL REGULATIONS:

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS:
ALL COMPONENTS ARE LISTED ON THE EEC INVENTORY EUROPEAN INVENTORY OF
EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS).

ALL INGREDIENTS ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL)
OR NON-DOMESTIC SUBSTANCES LIST (NDSL).

ALL INGREDIENTS ARE LISTED IN THE TOXIC SUBSTANCES CONTROL ACT (TSCA).

15.3. US STATE REGULATIONS:

VALVE ACTION(R*) PAINT MARKERS, CERTIFIED VALVE ACTION(R*) PAINT MARKERS:

STATE OR LOCAL REGULATIONS:

THE CARBON BLACK IN THIS PRODUCT IS BOUND AND IS NOT RESPIRABLE. CALIFORNIA
PROP. 65 WARNINGS ARE NOT REQUIRED.

CARBON BLACK (1333-86-4):

U.S. - CALIFORNIA - PROPOSITION 65 - CARCINOGENS LIST: YES
U.S. - CALIFORNIA - PROPOSITION 65 - DEVELOPMENTAL TOXICITY: NO
U.S. - CALIFORNIA - PROPOSITION 65 - REPRODUCTIVE TOXICITY - FEMALE: NO
U.S. - CALIFORNIA - PROPOSITION 65 - REPRODUCTIVE TOXICITY - MALE: NO
NON-SIGNIFICANT RISK LEVEL (NSRL):

1-METHOXY-2-PROPANOL (107-98-2):

U.S. - MINNESOTA - HAZARDOUS SUBSTANCE LIST
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST
U.S. - NEW YORK - RIGHT TO KNOW LIST OF HAZARDOUS CHEMICALS

ETHYL ACETATE (141-78-6):
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST
U.S. - PENNSYLVANIA - LIST OF HAZARDOUS SUBSTANCES

ETHANOL (64-17-5):
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST

ISOPROPANOL (67-63-0):
U.S. - MINNESOTA - HAZARDOUS SUBSTANCE LIST
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST

PROPYL ACETATE (109-60-4):
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST

CARBON BLACK (1333-86-4):
U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST

SECTION 16: OTHER INFORMATION



INDICATION OF CHANGES: ADDED. PRODUCT.

DATA SOURCES:
ACGIH (AMERICAN CONFERENCE OF GOVERNMENT INDUSTRIAL HYGIENISTS).

EUROPEAN CHEMICALS AGENCY (ECHA) C&L INVENTORY DATABASE. ACCESSED AT
[HTTP://ECHA.EUROPA.EU/WEB/GUEST/INFORMATION-ON-CHEMICALS/CL-INVENTORY-DATABASE](http://ECHA.EUROPA.EU/WEB/GUEST/INFORMATION-ON-CHEMICALS/CL-INVENTORY-DATABASE).

KRISTER FORSBERG AND S.Z. MANSDORF, "QUICK SELECTION GUIDE TO CHEMICAL PROTECTIVE CLOTHING", FIFTH EDITION.

NATIONAL FIRE PROTECTION ASSOCIATION. FIRE PROTECTION GUIDE TO HAZARDOUS MATERIALS; 10TH EDITION.

OSHA 29 CFR 1910.1200 HAZARD COMMUNICATION STANDARD.

TSCA CHEMICAL SUBSTANCE INVENTORY. ACCESSED AT
[HTTP://WWW.EPA.GOV/OPPT/EXISTINGCHEMICALS/PUBS/TSCAINVENTORY/HOWTO.HTML](http://WWW.EPA.GOV/OPPT/EXISTINGCHEMICALS/PUBS/TSCAINVENTORY/HOWTO.HTML).

ABBREVIATIONS AND ACRONYMS:
ATE: ACUTE TOXICITY ESTIMATE.

CAS (CHEMICAL ABSTRACTS SERVICE) NUMBER.

CLP: CLASSIFICATION, LABELLING, PACKAGING.

EC50:
ENVIRONMENTAL CONCENTRATION ASSOCIATED WITH A RESPONSE BY 50% OF THE TEST POPULATION.

GHS:
GLOBALLY HARMONIZED SYSTEM (OF CLASSIFICATION AND LABELING OF CHEMICALS).

LD50: LETHAL DOSE FOR 50% OF THE TEST POPULATION.

OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION.

PBT: PERSISTENT, BIOACCUMULATIVE, TOXIC.

TWA: TIME WEIGHT AVERAGE.

TSCA: TOXIC SUBSTANCES CONTROL ACT.

OTHER INFORMATION: NONE.

NFPA HEALTH HAZARD 1 - EXPOSURE COULD CAUSE IRRITATION BUT ONLY MINOR
RESIDUAL INJURY EVEN IF NO TREATMENT IS GIVEN.

NFPA FIRE HAZARD 1 - MUST BE PREHEATED BEFORE IGNITION CAN OCCUR.

NFPA REACTIVITY 0 - NORMALLY STABLE, EVEN UNDER FIRE EXPOSURE
CONDITIONS, AND NOT REACTIVE WITH WATER.

FULL TEXT OF H-STATEMENTS:

ACUTE TOX. 4 (DERMAL): ACUTE TOXICITY (DERMAL), CATEGORY 4

ACUTE TOX. 4 (INHALATION): ACUTE TOXICITY (INHAL.), CATEGORY 4

CARC. 2: CARCINOGENICITY, CATEGORY 2

EYE IRRIT. 2A: SERIOUS EYE DAMAGE/EYE IRRITATION, CATEGORY 2A

FLAM. LIQ. 2: FLAMMABLE LIQUIDS, CATEGORY 2

FLAM. LIQ. 3: FLAMMABLE LIQUIDS, CATEGORY 3

SKIN IRRIT. 2: SKIN CORROSION/IRRITATION, CATEGORY 2

SKIN SENS. 1: SENSITISATION - SKIN, CATEGORY 1

STOT SE 3:

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE, CATEGORY 3, NARCOSIS

H225: HIGHLY FLAMMABLE LIQUID AND VAPOUR

H226: FLAMMABLE LIQUID AND VAPOUR

H312: HARMFUL IN CONTACT WITH SKIN

H315: CAUSES SKIN IRRITATION

H317: MAY CAUSE AN ALLERGIC SKIN REACTION

H319: CAUSES SERIOUS EYE IRRITATION

H332: HARMFUL IF INHALED

H336: MAY CAUSE DROWSINESS OR DIZZINESS

H351: SUSPECTED OF CAUSING CANCER

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LACO NA GHS SDS

THIS INFORMATION IS BASED ON OUR CURRENT KNOWLEDGE AND IS INTENDED TO DESCRIBE THE PRODUCT FOR THE PURPOSES OF HEALTH, SAFETY AND ENVIRONMENTAL REQUIREMENTS ONLY. IT SHOULD NOT THEREFORE BE CONSTRUED AS GUARANTEEING ANY SPECIFIC PROPERTY OF THE PRODUCT

EN (ENGLISH)

SDS REF.: LAC01504023