

Common Name: GRAFFITI & SPRAY PAINT REMOVER

Manufacturer: ITW PRO BRANDS

SDS Revision Date: 7/8/2016

SDS Format: GHS-US

Item Number(s): 51LY92, 6KHD7, 6UAX9

Manufacturer Model Number(s):

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ITW PRO BRANDS

SAFETY DATA SHEET

ACC. TO HCS AND GHS

PRINTING DATE: 11/24/2014

REVIEWED ON: 07/08/2016

1 IDENTIFICATION



PRODUCT IDENTIFIER:

TRADE NAME: **GRAFFITI & SPRAY PAINT REMOVER**

ARTICLE NUMBER: **078**

APPLICATION OF THE SUBSTANCE / THE MIXTURE: **GRAFFITI REMOVER**

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER/SUPPLIER:

ITW PRO BRANDS

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2 HAZARD(S) IDENTIFICATION



CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS 04: GAS CYLINDER

H280: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

GHS02: FLAME

FLAM. AEROSOL 1:

H222-H229:

EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER:
MAY BURST IF HEATED.

GHS08: HEALTH HAZARD

REPR. 2:

H361:

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. ROUTE OF EXPOSURE:
INHALATIVE.

STOT RE 2:

H373:

MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR
REPEATED EXPOSURE. ROUTE OF EXPOSURE: INHALATIVE.

ASP. TOX. 1:

H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

GHS07: EXCLAMATION MARK

SKIN IRRIT. 2:

H315: CAUSES SKIN IRRITATION.

STOT SE 3:

H336: MAY CAUSE DROWSINESS OR DIZZINESS.

LABEL ELEMENTS:

GHS LABEL ELEMENTS:

THE PRODUCT IS CLASSIFIED AND LABELED ACCORDING TO THE GLOBALLY HARMONIZED
SYSTEM (GHS).

HAZARD PICTOGRAMS:

GHS02: FLAME

GHS07: EXCLAMATION MARK

GHS08: HEALTH HAZARD

SIGNAL WORD: DANGER

HAZARD-DETERMINING COMPONENTS OF LABELING: TOLUENE

HAZARD STATEMENTS:

H280: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

H222-H229: EXTREMELY FLAMMABLE AEROSOL.
PRESSURIZED CONTAINER: MAY BURST IF HEATED.

H315: CAUSES SKIN IRRITATION.

H361: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.
ROUTE OF EXPOSURE: INHALATIVE.

H336: MAY CAUSE DROWSINESS OR DIZZINESS.

H373:
MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR
REPEATED EXPOSURE.

ROUTE OF EXPOSURE: INHALATIVE.

H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

PRECAUTIONARY STATEMENTS:

P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.

P251:
PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE.

P260: DO NOT BREATHE MIST/VAPOURS/SPRAY.

P211: DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.

P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.

P308+P313:
IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P302+P352:
IF ON SKIN: WASH WITH PLENTY OF WATER.

P405: STORE LOCKED UP.

P410+P412:
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING
50 DEG. C/122 DEG. F.

P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

P501:
DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH
LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

ADDITIONAL INFORMATION:
PRESSURIZED CONTAINER: MAY BURST IF HEATED.

HAZARD DESCRIPTION:

WHMIS-SYMBOLS:
A - COMPRESSED GAS
B5 - FLAMMABLE AEROSOL
D2A - VERY TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS

CLASSIFICATION SYSTEM:

NFPA RATINGS (SCALE 0 - 4):
HEALTH 1
FIRE 4
REACTIVITY 0

HMIS-RATINGS (SCALE 0 - 4):
HEALTH 1*
FIRE 4

REACTIVITY 0

* - INDICATES A LONG TERM HEALTH HAZARD FROM REPEATED OR PROLONGED EXPOSURES.

OTHER HAZARDS:

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.

VPVB: NOT APPLICABLE.

3 COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL CHARACTERIZATION: MIXTURES

DESCRIPTION:

MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIONS.

DANGEROUS COMPONENTS:

108-88-3	TOLUENE FLAM. LIQ. 2, H225 REPR. 2, H361; STOT RE 2, H373; ASP. TOX. 1, H304 SKIN IRRIT. 2, H315; STOT SE 3, H336	20-40%
75-28-5	ISOBUTANE FLAM. GAS 1, H220	10-20%
111-76-2	2-BUTOXYETHANOL ACUTE TOX. 4, H302; ACUTE TOX. 4, H312; ACUTE TOX. 4, H332; SKIN IRRIT. 2, H315; EYE IRRIT. 2, H319 FLAM. LIQ. 4, H227	1-5%
74-98-6	PROPANE FLAM. GAS 1, H220 PRESS. GAS, H280	1-5%
71011-25-1	ALKYL QUATERNARY AMMONIUM BENTONITE EYE IRRIT. 2A, H319	1-5%

4 FIRST-AID MEASURES



DESCRIPTION OF FIRST AID MEASURES:

GENERAL INFORMATION: TAKE AFFECTED PERSONS OUT INTO THE FRESH AIR.

AFTER INHALATION:

SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

PROVIDE OXYGEN TREATMENT IF AFFECTED PERSON HAS DIFFICULTY BREATHING.

IN CASE OF IRREGULAR BREATHING OR RESPIRATORY ARREST PROVIDE ARTIFICIAL RESPIRATION.

IN CASE OF UNCONSCIOUSNESS PLACE PATIENT STABLY IN SIDE POSITION FOR TRANSPORTATION.

AFTER SKIN CONTACT:

IMMEDIATELY WASH WITH WATER AND SOAP AND RINSE THOROUGHLY.
IF SKIN IRRITATION CONTINUES, CONSULT A DOCTOR.
IN CASES OF FROSTBITE, RINSE WITH PLENTY OF WATER. DO NOT REMOVE CLOTHING.

AFTER EYE CONTACT:
REMOVE CONTACT LENSES IF WORN.

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, CONSULT A DOCTOR.

AFTER SWALLOWING:
UNLIKELY ROUTE OF EXPOSURE.
RINSE OUT MOUTH AND THEN DRINK PLENTY OF WATER.
DO NOT INDUCE VOMITING; IMMEDIATELY CALL FOR MEDICAL HELP.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

HEADACHE
DIZZINESS
NAUSEA
GASTRIC OR INTESTINAL DISORDERS WHEN INGESTED.
BREATHING DIFFICULTY
ALLERGIC REACTIONS
COUGHING
IRRITANT TO SKIN AND MUCOUS MEMBRANES.
SLIGHT IRRITANT EFFECT ON EYES.
DISORIENTATION

DANGER:
DANGER OF IMPAIRED BREATHING.

VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

MAY DAMAGE FERTILITY OR THE UNBORN CHILD.
ROUTE OF EXPOSURE: INHALATIVE.
ROUTE OF EXPOSURE: INHALATIVE.

DANGER OF DISTURBED CARDIAC RHYTHM.

DANGER OF PULMONARY EDEMA.

CONDITION MAY DETERIORATE WITH ALCOHOL CONSUMPTION.

REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
IF SWALLOWED, GASTRIC IRRIGATION WITH ADDED, ACTIVATED CARBON.

IF NECESSARY OXYGEN RESPIRATION TREATMENT.

MEDICAL SUPERVISION FOR AT LEAST 48 HOURS.

IF SWALLOWED OR IN CASE OF VOMITING, DANGER OF ENTERING THE LUNGS.

TREAT SKIN AND MUCOUS MEMBRANE WITH ANTIHISTAMINE AND CORTICOID PREPARATIONS.

5 FIRE-FIGHTING MEASURES



EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING AGENTS:
CO₂, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH WATER SPRAY OR ALCOHOL RESISTANT FOAM.

FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS: WATER STREAM.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:
DANGER OF RECEPTACLES BURSTING BECAUSE OF HIGH VAPOR PRESSURE IF HEATED.
FORMATION OF TOXIC GASES IS POSSIBLE DURING HEATING OR IN CASE OF FIRE.

ADVICE FOR FIREFIGHTERS:

PROTECTIVE EQUIPMENT:
WEAR SELF-CONTAINED RESPIRATORY PROTECTIVE DEVICE.
WEAR FULLY PROTECTIVE SUIT.

ADDITIONAL INFORMATION:
ELIMINATE ALL IGNITION SOURCES IF SAFE TO DO SO.
LEAKING GAS FIRE: DO NOT EXTINGUISH, UNLESS LEAK CAN BE STOPPED SAFELY.
COOL ENDANGERED PRODUCT WITH WATER SPRAY.

6 ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY.

IF CONTAINERS ARE LEAKING, USE RESPIRATORY PROTECTIVE DEVICE AGAINST THE EFFECTS OF FUMES/DUST/AEROSOL. ENSURE ADEQUATE VENTILATION.

KEEP AWAY FROM IGNITION SOURCES.

ENVIRONMENTAL PRECAUTIONS:
DO NOT ALLOW TO ENTER SEWERS/ SURFACE OR GROUND WATER.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:
ALLOW TO EVAPORATE.
ABSORB LIQUID COMPONENTS WITH LIQUID-BINDING MATERIAL.
PICK UP MECHANICALLY.
DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO ITEM 13.
ENSURE ADEQUATE VENTILATION.
SEND FOR RECOVERY OR DISPOSAL IN SUITABLE RECEPTACLES.

REFERENCE TO OTHER SECTIONS:
SEE SECTION 7 FOR INFORMATION ON SAFE HANDLING.
SEE SECTION 8 FOR INFORMATION ON PERSONAL PROTECTION EQUIPMENT.
SEE SECTION 13 FOR DISPOSAL INFORMATION.

7 HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:
KEEP AWAY FROM HEAT AND DIRECT SUNLIGHT.
USE ONLY IN WELL VENTILATED AREAS.
PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
KEEP IGNITION SOURCES AWAY - DO NOT SMOKE.
FUMES CAN COMBINE WITH AIR TO FORM AN EXPLOSIVE MIXTURE.
FLAMMABLE GAS-AIR MIXTURES MAY BE FORMED IN EMPTY RECEPTACLES.
DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:
OBSERVE OFFICIAL REGULATIONS ON STORING PACKAGINGS WITH PRESSURIZED

CONTAINERS.

PROVIDE VENTILATION FOR RECEPTACLES.

AVOID STORAGE NEAR EXTREME HEAT, IGNITION SOURCES OR OPEN FLAME.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY:

STORE AWAY FROM FOODSTUFFS.

STORE AWAY FROM OXIDIZING AGENTS.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS:

STORE IN A COOL PLACE. HEAT WILL INCREASE PRESSURE AND MAY LEAD TO THE RECEPTACLE BURSTING.

SPECIFIC END USE(S): NO FURTHER RELEVANT INFORMATION AVAILABLE.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION



ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:

NO FURTHER DATA; SEE ITEM 7.

CONTROL PARAMETERS:

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

108-88-3 TOLUENE:

PEL (USA):

LONG-TERM VALUE: 200 PPM

CEILING LIMIT VALUE: 300; 500* PPM

*10-MIN PEAK PER 8-HR SHIFT

REL (USA):

SHORT-TERM VALUE: 560 MG/M3, 150 PPM

LONG-TERM VALUE: 375 MG/M3, 100 PPM

TLV (USA):

LONG-TERM VALUE: 75 MG/M3, 20 PPM

BEI

EL (CANADA):

LONG-TERM VALUE: 20 PPM

R

EV (CANADA):

LONG-TERM VALUE: 20 PPM

LMPE (MEXICO):

LONG-TERM VALUE: 20 PPM

A4, IBE

111-76-2 2-BUTOXYETHANOL:

PEL (USA):

LONG-TERM VALUE: 240 MG/M3, 50 PPM

SKIN

REL (USA):

LONG-TERM VALUE: 24 MG/M3, 5 PPM

SKIN

TLV (USA):

LONG-TERM VALUE: 97 MG/M3, 20 PPM

BEI

EL (CANADA):
LONG-TERM VALUE: 20 PPM

EV (CANADA):
LONG-TERM VALUE: 20 PPM
SKIN

LMPE (MEXICO):
LONG-TERM VALUE: 20 PPM
A3, IBE

74-98-6 PROPANE:

PEL (USA):
LONG-TERM VALUE: 1800 MG/M3, 1000 PPM

REL (USA):
LONG-TERM VALUE: 1800 MG/M3, 1000 PPM

TLV (USA): REFER TO APPENDIX F

EL (CANADA):
LONG-TERM VALUE: 1000 PPM

EV (CANADA):
LONG-TERM VALUE: 1.000 PPM

LMPE (MEXICO):
LONG-TERM VALUE: 1000 PPM

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

108-88-3 TOLUENE:

BEI (USA):
0.02 MG/L
MEDIUM: BLOOD
TIME: PRIOR TO LAST SHIFT OF WORKWEEK
PARAMETER: TOLUENE

0.03 MG/L
MEDIUM: URINE
TIME: END OF SHIFT
PARAMETER: TOLUENE

0.3 MG/G CREATININE
MEDIUM: URINE
TIME: END OF SHIFT
PARAMETER: O-CRESOL WITH HYDROLYSIS (BACKGROUND)

111 -76-2 2-BUTOXYETHANOL:

BEI (USA): 200 MG/G CREATININE
MEDIUM: URINE
TIME: END OF SHIFT
PARAMETER: BUTOXYACETIC ACID WITH HYDROLYSIS

ADDITIONAL INFORMATION:
THE LISTS THAT WERE VALID DURING THE CREATION WERE USED AS BASIS.

EXPOSURE CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:
THE USUAL PRECAUTIONARY MEASURES FOR HANDLING CHEMICALS SHOULD BE FOLLOWED.
KEEP AWAY FROM FOODSTUFFS, BEVERAGES AND FEED.

WASH HANDS BEFORE BREAKS AND AT THE END OF WORK.
DO NOT INHALE GASES / FUMES / AEROSOLS.
PREGNANT WOMEN SHOULD STRICTLY AVOID INHALATION OR SKIN CONTACT.
AVOID CONTACT WITH THE EYES AND SKIN.

BREATHING EQUIPMENT:
SUITABLE RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.

FOR SPILLS, RESPIRATORY PROTECTION MAY BE ADVISABLE.

USE SUITABLE RESPIRATORY PROTECTIVE DEVICE IN CASE OF INSUFFICIENT VENTILATION.

NIOSH OR EN APPROVED ORGANIC VAPOR RESPIRATOR EQUIPPED WITH A DUST/MIST PREFILTER SHOULD BE USED.

PROTECTION OF HANDS: PROTECTIVE GLOVES

THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. SELECTION OF THE GLOVE MATERIAL ON CONSIDERATION OF THE PENETRATION TIMES, RATES OF DIFFUSION AND THE DEGRADATION

MATERIAL OF GLOVES:
THE SELECTION OF THE SUITABLE GLOVES DOES NOT ONLY DEPEND ON THE MATERIAL, BUT ALSO ON FURTHER MARKS OF QUALITY AND VARIES FROM MANUFACTURER TO MANUFACTURER. AS THE PRODUCT IS A PREPARATION OF SEVERAL SUBSTANCES, THE RESISTANCE OF THE GLOVE MATERIAL CAN NOT BE CALCULATED IN ADVANCE AND HAS THEREFORE TO BE CHECKED PRIOR TO THE APPLICATION.

PENETRATION TIME OF GLOVE MATERIAL:
THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.

EYE PROTECTION: SAFETY GLASSES

BODY PROTECTION: PROTECTIVE WORK CLOTHING

LIMITATION AND SUPERVISION OF EXPOSURE INTO THE ENVIRONMENT:
NO FURTHER RELEVANT INFORMATION AVAILABLE.

9 PHYSICAL AND CHEMICAL PROPERTIES



INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

GENERAL INFORMATION:

APPEARANCE:

FORM: AEROSOL

COLOR: LIGHT TAN

ODOR: AROMATIC

ODOR THRESHOLD: NOT DETERMINED.

PH-VALUE: 6.3 - 7.3

CHANGE IN CONDITION:

MELTING POINT/MELTING RANGE: UNDETERMINED.

BOILING POINT/BOILING RANGE: NOT APPLICABLE, AS AEROSOL.

FLASH POINT: <2 DEG. C (<36 DEG. F) (LIQUID)

FLAMMABILITY (SOLID, GASEOUS): NOT APPLICABLE.

AUTO-IGNITION TEMPERATURE: NOT DETERMINED.

DECOMPOSITION TEMPERATURE: NOT DETERMINED.

AUTO IGNITING: PRODUCT IS NOT SELF-IGNITING.

DANGER OF EXPLOSION:
PRODUCT IS NOT EXPLOSIVE. HOWEVER, FORMATION OF EXPLOSIVE AIR/VAPOR MIXTURES ARE POSSIBLE.

EXPLOSION LIMITS:
LOWER: NOT DETERMINED.
UPPER: NOT DETERMINED.

VAPOR PRESSURE AT 21 DEG. C (70 DEG. F): 125 PSIG

DENSITY AT 21 DEG. C (70 DEG. F): 0.94 G/CM³ (7.844 LBS/GAL)

RELATIVE DENSITY: NOT DETERMINED.

VAPOUR DENSITY: >1 (AIR=1)

EVAPORATION RATE: NOT APPLICABLE.

SOLUBILITY IN / MISCIBILITY WITH WATER: FULLY MISCIBLE.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT DETERMINED.

VISCOSITY:

DYNAMIC: NOT DETERMINED.

KINEMATIC: NOT DETERMINED.

SOLVENT CONTENT:

VOC CONTENT: 49.6%

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

10 STABILITY AND REACTIVITY



REACTIVITY:

CHEMICAL STABILITY:

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:
NO DECOMPOSITION IF USED AND STORED ACCORDING TO SPECIFICATIONS.
DANGER OF RECEPTACLES BURSTING BECAUSE OF HIGH VAPOR PRESSURE IF HEATED.

POSSIBILITY OF HAZARDOUS REACTIONS:
CAN FORM EXPLOSIVE MIXTURES IN AIR IF HEATED ABOVE FLASH POINT AND/OR WHEN SPRAYED OR ATOMIZED.

EXTREMELY FLAMMABLE AEROSOL.

USED EMPTY CONTAINERS MAY CONTAIN PRODUCT GASES WHICH FORM EXPLOSIVE MIXTURES WITH AIR.

TOXIC FUMES MAY BE RELEASED IF HEATED ABOVE THE DECOMPOSITION POINT.

REACTS VIOLENTLY WITH OXIDIZING AGENTS.

DANGER OF RECEPTACLES BURSTING BECAUSE OF HIGH VAPOR PRESSURE IF HEATED.

CONDITIONS TO AVOID:

KEEP AWAY FROM HEAT AND DIRECT SUNLIGHT.

KEEP IGNITION SOURCES AWAY - DO NOT SMOKE.

STORE AWAY FROM OXIDIZING AGENTS.

INCOMPATIBLE MATERIALS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE

HYDROCARBONS

NITROGEN OXIDES

11 TOXICOLOGICAL INFORMATION



INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

108-88-3 TOLUENE:

ORAL:

LD50: 5000 MG/KG (RAT)

DERMAL:

LD50: 12124 MG/KG (RABBIT)

INHALATIVE:

LC50/4H: 5320 MG/L (MOUSE)

PRIMARY IRRITANT EFFECT:

ON THE SKIN: IRRITANT TO SKIN AND MUCOUS MEMBRANES.

ON THE EYE: SLIGHT IRRITANT EFFECT ON EYES.

SENSITIZATION: NO SENSITIZING EFFECTS KNOWN.

ADDITIONAL TOXICOLOGICAL INFORMATION:

THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED CALCULATION METHODS FOR PREPARATIONS: IRRITANT

INHALATION OF CONCENTRATED VAPORS AS WELL AS ORAL INTAKE WILL LEAD TO ANAESTHESIA-LIKE CONDITIONS AND HEADACHE, DIZZINESS, ETC.

TOXIC AND/OR CORROSIVE EFFECTS MAY BE DELAYED UP TO 24 HOURS.

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

ROUTE OF EXPOSURE: INHALATIVE.

ROUTE OF EXPOSURE: INHALATIVE.

CARCINOGENIC CATEGORIES:

NTP (NATIONAL TOXICOLOGY PROGRAM): NONE OF THE INGREDIENTS IS LISTED.

OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION):

NONE OF THE INGREDIENTS IS LISTED.

REPEATED DOSE TOXICITY:

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

12 ECOLOGICAL INFORMATION



TOXICITY:

AQUATIC TOXICITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY:

THE PRODUCT IS PARTIALLY BIODEGRADABLE. SIGNIFICANT RESIDUALS REMAIN.

BIOACCUMULATIVE POTENTIAL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

MOBILITY IN SOIL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

ADDITIONAL ECOLOGICAL INFORMATION:

GENERAL NOTES:

AVOID TRANSFER INTO THE ENVIRONMENT.

DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER COURSE OR SEWAGE SYSTEM.

DANGER TO DRINKING WATER IF EVEN SMALL QUANTITIES LEAK INTO THE GROUND.

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.

VPVB: NOT APPLICABLE.

OTHER ADVERSE EFFECTS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

13 DISPOSAL CONSIDERATIONS



WASTE TREATMENT METHODS:

RECOMMENDATION:

MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DO NOT ALLOW PRODUCT TO REACH SEWAGE SYSTEM. CONTACT WASTE PROCESSORS FOR RECYCLING INFORMATION.

THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES. RESIDUAL MATERIALS SHOULD BE TREATED AS HAZARDOUS.

WASTE DISPOSAL KEY:

EPA RCRA CODE (USA): D001

UNCLEANED PACKAGINGS:

RECOMMENDATION: DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS.

14 TRANSPORT INFORMATION



UN-NUMBER:

DOT, ADR, IMDG, IATA: UN1950

UN PROPER SHIPPING NAME:

LIMITED QUANTITY FOR PACKAGES LESS THAN 30 KG (66 LB) AND INNER PACKAGINGS LESS THAN 1 L (0.3 GAL).

DOT: AEROSOLS, FLAMMABLE

ADR: 1950 AEROSOLS, FLAMMABLE

IMDG: AEROSOLS

IATA: AEROSOLS, FLAMMABLE

TRANSPORT HAZARD CLASS(ES):

DOT: CLASS 2.1, FLAMMABLE GASES

CLASS: 2.1

LABEL: 2.1

ADR: CLASS 2.1, FLAMMABLE GASES

CLASS: 2.5F GASES

LABEL: 2.1

IMDG: CLASS 2.1 - FLAMMABLE GASES

CLASS: 2 GASES

LABEL: 2.1

IATA: CLASS 2.1, FLAMMABLE GASES

CLASS: 2.1

LABEL: 2.1

PACKING GROUP:

DOT, ADR, IMDG, IATA: NOT REGULATED

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: NO

SPECIAL PRECAUTIONS FOR USER:

WARNING: GASES

DANGER CODE (KEMLER):

EMS NUMBER: F-D, S-U

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:
NOT APPLICABLE.

TRANSPORT/ADDITIONAL INFORMATION:

DOT:

QUANTITY LIMITATIONS:

ON PASSENGER AIRCRAFT/RAIL: 75KG

ON CARGO AIRCRAFT ONLY: 150KG

ADR:

EXCEPTED QUANTITIES (EQ):

CODE: E0

NOT PERMITTED AS EXCEPTED QUANTITY

IMDG:

LIMITED QUANTITIES (LQ): 1000ML

EXCEPTED QUANTITIES (EQ):
CODE: E0
NOT PERMITTED AS EXCEPTED QUANTITY

UN "MODEL REGULATION": UN1950, AEROSOLS, 2.1

15 REGULATORY INFORMATION



SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE
SUBSTANCE OR MIXTURE:

SARA:

SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):
NONE OF THE INGREDIENTS IS LISTED.

SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

108-88-3 TOLUENE

111-76-2 2-BUTOXYETHANOL

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

PROPOSITION 65 (CALIFORNIA):

CHEMICALS KNOWN TO CAUSE CANCER: PRESENT IN TRACE QUANTITIES.

14808-60-7 QUARTZ (SiO₂)

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:

108-88-3 TOLUENE

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:
NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

108-88-3 TOLUENE

CARCINOGENIC CATEGORIES:

EPA (ENVIRONMENTAL PROTECTION AGENCY):

108-88-3 TOLUENE II

111-76-2 2-BUTOXYETHANOL NL

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

108-88-3 TOLUENE 3

111-76-2 2-BUTOXYETHANOL 3

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH):

108-88-3 TOLUENE A4

111-76-2 2-BUTOXYETHANOL A3

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):
NONE OF THE INGREDIENTS IS LISTED.

STATE RIGHT TO KNOW LISTINGS: SOME INGREDIENTS LISTED.

CANADIAN SUBSTANCE LISTINGS:

CANADIAN DOMESTIC SUBSTANCES LIST (DSL): ALL INGREDIENTS ARE LISTED.

CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 0.1%):
NONE OF THE INGREDIENTS IS LISTED.

CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 1%):

108-88-3 TOLUENE

111-76-2 2-BUTOXYETHANOL

OTHER REGULATIONS, LIMITATIONS AND PROHIBITIVE REGULATIONS:
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH HAZARD CRITERIA OF THE
CONTROLLED PRODUCTS REGULATIONS AND THE SDS CONTAINS ALL THE INFORMATION
REQUIRED BY THE CONTROLLED PRODUCTS REGULATIONS.

CHEMICAL SAFETY ASSESSMENT:
A CHEMICAL SAFETY ASSESSMENT HAS NOT BEEN CARRIED OUT.

16 OTHER INFORMATION



THIS INFORMATION IS BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THIS SHALL
NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL
NOT ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.

DATE OF PREPARATION / LAST REVISION: 11/24/2014 / -

ABBREVIATIONS AND ACRONYMS:

ADR:
ACCORD EUROPEEN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE
(EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS
GOODS BY ROAD)

IMDG: INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS

DOT: US DEPARTMENT OF TRANSPORTATION

IATA: INTERNATIONAL AIR TRANSPORT ASSOCIATION

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

EINECS: EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

ELINCS: EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES

CAS: CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)

NFPA: NATIONAL FIRE PROTECTION ASSOCIATION (USA)

HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)

WHMIS: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CANADA)

VOC: VOLATILE ORGANIC COMPOUNDS (USA, EU)

LC50: LETHAL CONCENTRATION, 50 PERCENT

LD50: LETHAL DOSE, 50 PERCENT

FLAM. GAS 1: FLAMMABLE GASES, HAZARD CATEGORY 1

FLAM. AEROSOL 1: FLAMMABLE AEROSOLS, HAZARD CATEGORY 1

PRESS. GAS:
GASES UNDER PRESSURE: COMPRESSED GAS

FLAM. LIQ. 2: FLAMMABLE LIQUIDS, HAZARD CATEGORY 2

FLAM. LIQ. 4: FLAMMABLE LIQUIDS, HAZARD CATEGORY 4

ACUTE TOX. 4: ACUTE TOXICITY, HAZARD CATEGORY 4

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

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

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

REPR. 2: REPRODUCTIVE TOXICITY, HAZARD CATEGORY 2

STOT SE 3:
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE, HAZARD CATEGORY 3

STOT RE 2:
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE, HAZARD CATEGORY 2

ASP. TOX. 1: ASPIRATION HAZARD, HAZARD CATEGORY 1

SOURCES:

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