

Issuing date 14-Sept-2017

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Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier 3002
Product name LIFT-OFF PAINT & GASKET STRIPPER

Recommended use of the chemical and restrictions on use

Product code F03525

Product Type Flammable aerosol
Synonyms None

Supplier's details

Recommended Use Paint and Gasket Remover.
Uses advised against No information available

Manufacturer Well-Worth Products, Inc.
180 Dutton Ave.
Buffalo, NY
USA 14211
wellworthproducts.com
Tel: 800-890-7935
Fax: 716-597-0217

Emergency telephone number
Chemical Emergency Phone Number Chemtrec 1-800-424-9300
Company Emergency Phone Number 1-800-890-7935

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Germ Cell Mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 1
Flammable aerosols	Category 2
Gases under pressure	Compressed Gas

GHS Label elements, including precautionary statements

Emergency Overview

DANGER

Hazard Statements

Causes skin irritation
 Causes serious eye irritation
 May damage fertility or the unborn child
 May cause cancer
 Causes damage to organs (Central Nervous System, Peripheral Nervous System, Eyes, Kidney, Liver, Lungs, Reproductive System, Respiratory System, and Skin.).
 Flammable aerosol
 Contains gas under pressure; may explode if heated



Appearance Clear

Physical state Aerosol

Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves/protective clothing/eye protection/face protection
 Wash face, hands and any exposed skin thoroughly after handling
 Do not breathe dust/fume/gas/mist/vapors/spray
 Do not eat, drink or smoke when using this product
 Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
 Do not spray on an open flame or other ignition source.
 Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician
 Specific treatment (see first aid on this label)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

Store locked up
 Protect from sunlight. Store in a well-ventilated place
 Do not expose to temperatures exceeding 122°F (50°C)

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other information

0% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
DICHLOROMETHANE	75-09-2	70-80
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	10-20
METHANOL	67-56-1	1-10
PROPYLENE OXIDE	75-56-9	0.1-1.0

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors mist, or gas.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing.
Skin contact	Rinse immediately with plenty of water for 15 minutes and seek medical advice if skin irritation persists.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Most important symptoms/effects, acute and delayed

Main Symptoms Causes skin and eye irritation. May cause respiratory irritation. May be harmful if swallowed and enters airways.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog. Dry chemical. Carbon dioxide (CO₂). Cool containers / tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Flammable Container may burst in fire.

Explosion Data

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate ventilation to keep the exposure levels below the OELS.

Environmental precautions

Environmental precautions Vapors can accumulate in low areas. Report spills as required by local and federal regulations.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain liquid and collect with an inert, non-combustible material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products Strong acids, alkalis, or oxidizing agents.

Aerosol Level 1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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DICHLOROMETHANE 75-09-2	TWA: 50 ppm	TWA: 25 ppm (vacated) TWA: 500 ppm (vacated) STEL: 2000 ppm 5 min in any 3 h (vacated) Ceiling: 1000 ppm STEL: 125 ppm see 29 CFR 1910.1052	IDLH: 2300 ppm
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m ³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m ³
METHANOL 67-56-1	STEL: 250 ppm TWA: 200 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 200 ppm TWA: 260 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m ³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³
PROPYLENE OXIDE 75-56-9	TWA: 2 ppm	TWA: 100 ppm TWA: 240 mg/m ³ (vacated) TWA: 20 ppm (vacated) TWA: 50 mg/m ³	IDLH: 400 ppm

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Exposure controls

Engineering Measures

Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and body protection

Chemical resistant apron. Protective gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state

Aerosol

Appearance

Clear

Color

colorless

Odor

Solvent

Odor Threshold

Property

Values

Remarks • Methods

pH

No information available

Melting/freezing point

No information available

Boiling point/boiling range

Flash Point

-104.4 °C / -156 °F

Based on propellant

Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	
upper flammability limit	
lower flammability limit	
Vapor pressure	
Vapor density	
Specific Gravity	1.155
Water solubility	Practically insoluble
Partition coefficient: n-octanol/water	
Autoignition temperature	No information available
Decomposition temperature	
Viscosity	No information available
Explosive properties	

Other information

VOC Content(%)	20.28
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10. STABILITY AND REACTIVITY**Reactivity**

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, alkalis, or oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Fumes. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	Product does present an acute toxicity hazard based on known information
Inhalation	Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.
Eye contact	Irritating to eyes.
Skin contact	Causes skin irritation.
Ingestion	Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
DICHLOROMETHANE 75-09-2	>2000 mg/kg (Rat)	>2000 mg/kg (Rat)	= 53 mg/L (Rat) 6 h
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	-	-	=31mg/L (Rat) 4 hr

METHANOL 67-56-1	= 6200 mg/kg (Rat)	-	= 22500 ppm (Rat) 8 h
PROPYLENE OXIDE 75-56-9	= 520 mg/kg (Rat)	= 1244 mg/kg (Rabbit)	= 0.948 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms Causes skin irritation. May cause respiratory irritation or cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes skin irritation.
Eye damage/irritation Causes eye irritation.
Sensitization None known.
Germ Cell Mutagenicity This product contains one or more substances which are mutagenic.
Carcinogenicity The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
DICHLOROMETHANE 75-09-2	A3	Group 2A	Reasonably Anticipated	x
PROPYLENE OXIDE 75-56-9	A3	Group 2B	Reasonably Anticipated	-

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

Reproductive toxicity The ingredients are not reproductive hazards.

Specific target organ systemic toxicity (single exposure) No information available.

Specific target organ systemic toxicity (repeated exposure) Causes damage to Target Organs.

Chronic toxicity Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. May cause skin irritation and prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects Central Nervous System, Peripheral Nervous System, Eyes, Kidney, Liver,Lungs,Reproductive System, Respriatory System, and Skin.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 3060 mg/kg

ATEmix (dermal) 9228 mg/kg

ATEmix (inhalation-dust/mist) 15.4 mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
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DICHLOROMETHANE 75-09-2	500 mg/L EC50 Pseudokirchneriella subcapitata 96h 500 mg/L EC50 Pseudokirchneriella subcapitata 72h	140.8 - 277.8 mg/L LC50 Pimephales promelas 96h flow-through 262 - 855 mg/L LC50 Pimephales promelas 96h static 193 mg/L LC50 Lepomis macrochirus 96h static 193 mg/L LC50 Lepomis macrochirus 96h flow-through	-	1532 - 1847 mg/L EC50 Daphnia magna 48h Static 190 mg/L EC50 Daphnia magna 48h
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	-	-	-	-
METHANOL 67-56-1	-	28200 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static 19500 - 20700 mg/L LC50 Oncorhynchus mykiss 96h flow-through 18 - 20 mL/L LC50 Oncorhynchus mykiss 96h static 13500 - 17600 mg/L LC50 Lepomis macrochirus 96h flow-through	-	-
PROPYLENE OXIDE 75-56-9	240 mg/L EC50 Pseudokirchneriella subcapitata 96h	215 mg/L LC50 Lepomis macrochirus 96h static	-	350 mg/L EC50 Daphnia magna 48h

Persistence and degradability

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Bioaccumulation

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Chemical Name	log Pow
DICHLOROMETHANE 75-09-2	1.25
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	<=2.8
METHANOL 67-56-1	-0.77
PROPYLENE OXIDE 75-56-9	0.08

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, CONTAINING SUBSTANCE IN DIVISION 6.1, PACKING GROUP III, 2.1 (6.1), LTD.QTY.

IMDG UN1950, AEROSOLS, 2.1 (6.1), LTD.QTY

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
DICHLOROMETHANE	X	X	X	X	X	X	X	X
PROPANE/ISOBUTANE/N-BUTANE	X	X	X	x	X	X	X	X
METHANOL	X	X	X	X	X	X	X	X
PROPYLENE OXIDE	X	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
DICHLOROMETHANE - 75-09-2	75-09-2	70-80	0.1
METHANOL - 67-56-1	67-56-1	1-10	1.0
PROPYLENE OXIDE - 75-56-9	75-56-9	0.1-1.0	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	no

Clean Water Act

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
DICHLOROMETHANE 75-09-2		X	X	

PROPYLENE OXIDE 75-56-9	100 lb			X
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CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
DICHLOROMETHANE 75-09-2	1000 lb 1 lb		RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
METHANOL 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
PROPYLENE OXIDE 75-56-9	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
DICHLOROMETHANE - 75-09-2	Carcinogen
METHANOL - 67-56-1	Developmental
PROPYLENE OXIDE - 75-56-9	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
DICHLOROMETHANE 75-09-2	X	X	X
METHANOL 67-56-1	X	X	X
PROPYLENE OXIDE 75-56-9	X	X	X

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials

D2B Toxic materials

A Compressed gases

B5 Flammable aerosol

16. OTHER INFORMATION

NFPA	Health Hazard 2	Flammability 4	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 2	Flammability 4	Physical Hazard 1	Personal protection B

Prepared By Regulatory Affairs
 Issuing date 14-Sept-2016
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 Revision Note

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet