# SAFETY DATA SHEET



# 1. Identification

Product identifier Wax & Grease Remover

Other means of identification

Product code SMR-809

Recommended use Pre-Cleaner

**Recommended restrictions** No other uses are advised. **Manufacturer/Importer/Supplier/Distributor information** 

Manufacturer

Company name SpeedoKote LLC.

Address 5565 Webster St.

Dayton, OH 45414

United States

Telephone TECH SUPPORT

SALES 937-280-0091 PHONE 937-280-0091

937-280-0091

Website www.speedokote.com
E-mail sales@speedokote.com
Contact person Safety Department

Emergency phone number EMERGENCY 24 Hrs. 800-424-9300 ChemTrec

# 2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 2Health hazardsSkin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2AGerm cell mutagenicityCategory 1BCarcinogenicityCategory 1B

Reproductive toxicity Category 2
Specific target organ toxicity, repeated Category 1

exposure

Aspiration hazard Category 1
Hazardous to the aquatic environment, acute Category 2

hazaro

Hazardous to the aquatic environment, Category 2

long-term hazard

OSHA defined hazards Not classified.

Label elements

**Environmental hazards** 



Signal word Danger

Hazard statement

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. Suspected

irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated

exposure. Toxic to aquatic life with long lasting effects.

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#### **Precautionary statement**

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear

protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair):

Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to

extinguish. Collect spillage.

**Storage** Store in a well-ventilated place. Keep cool. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information 80.82% of the mixture consists of component(s) of unknown acute oral toxicity. 80.82% of the mixture consists of component(s) of unknown acute dermal toxicity. 8.22% of the mixture consists

of component(s) of unknown acute inhalation toxicity. 8.22% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 8.22% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
V M & P Naphtha		64742-89-8	80 - < 90
Isopropanol		67-63-0	5 - < 10
BENZENE, M-DIMETHYL-		108-38-3	3 - < 5
BENZENE, O-DIMETHYL		95-47-6	1 - < 3
BENZENE, P-DIMETHYL-		106-42-3	1 - < 3
ETHYLBENZENE		100-41-4	1 - < 3

<sup>\*</sup>Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

# 4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation Skin contact

occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If Ingestion

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Severe eye irritation.

cause redness and pain. Prolonged exposure may cause chronic effects.

Most important symptoms/effects, acute and

delayed

Indication of immediate medical attention and special

5. Fire-fighting measures

treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

General information Take off all contaminated clothing immediately. IF exposed or concerned: Get medical

advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing

before reuse.

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods
General fire hazards

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

# 7. Handling and storage

#### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

## Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
BENZENE, M-DIMETHYL- (CAS 108-38-3)	PEL	435 mg/m3
BENZENE, O-DIMETHYL (CAS 95-47-6)	PEL	100 ppm 435 mg/m3

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	Туре	Value	
		100 ppm	
BENZENE, P-DIMETHYL- CAS 106-42-3)	PEL	435 mg/m3	
		100 ppm	
THYLBENZENE (CAS 00-41-4)	PEL	435 mg/m3	
,		100 ppm	
sopropanol (CAS 67-63-0)	PEL	980 mg/m3	
(5. 15. 17. 17. 17.		400 ppm	
M & P Naphtha (CAS 4742-89-8)	PEL	400 mg/m3	
		100 ppm	
IS. ACGIH Threshold Limit Values		Value	
Components	Туре	Value	
BENZENE, M-DIMETHYL- CAS 108-38-3)	STEL	150 ppm	
	TWA	100 ppm	
BENZENE, O-DIMETHYL CAS 95-47-6)	STEL	150 ppm	
	TWA	100 ppm	
BENZENE, P-DIMETHYL- CAS 106-42-3)	STEL	150 ppm	
·	TWA	100 ppm	
THYLBENZENE (CAS 00-41-4)	TWA	20 ppm	
sopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
JS. NIOSH: Pocket Guide to Chem	nical Hazards		
Components	Туре	Value	
BENZENE, M-DIMETHYL-	STEL	655 mg/m3	
		150 ppm	
	TWA	150 ppm 435 mg/m3	
	TWA		
CAS 108-38-3) SENZENE, O-DIMETHYL	TWA STEL	435 mg/m3	
CAS 108-38-3) BENZENE, O-DIMETHYL		435 mg/m3 100 ppm	
CAS 108-38-3) BENZENE, O-DIMETHYL		435 mg/m3 100 ppm 655 mg/m3	
CAS 108-38-3) BENZENE, O-DIMETHYL	STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3	
CAS 108-38-3) BENZENE, O-DIMETHYL CAS 95-47-6) BENZENE, P-DIMETHYL-	STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm	
CAS 108-38-3) BENZENE, O-DIMETHYL CAS 95-47-6) BENZENE, P-DIMETHYL-	STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3	
CAS 108-38-3) BENZENE, O-DIMETHYL CAS 95-47-6) BENZENE, P-DIMETHYL-	STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3	
CAS 108-38-3) BENZENE, O-DIMETHYL CAS 95-47-6) BENZENE, P-DIMETHYL-	STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3	
CAS 108-38-3)  BENZENE, O-DIMETHYL  CAS 95-47-6)  BENZENE, P-DIMETHYL-  CAS 106-42-3)  ETHYLBENZENE (CAS	STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 545 mg/m3	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)  ETHYLBENZENE (CAS 100-41-4)	STEL TWA STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3 100 ppm 545 ppm	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)	STEL TWA STEL TWA	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3 100 ppm 545 mg/m3	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)	STEL TWA STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3  125 ppm 435 mg/m3 100 ppm	
CAS 108-38-3)  SENZENE, O-DIMETHYL CAS 95-47-6)  SENZENE, P-DIMETHYL- CAS 106-42-3)  STHYLBENZENE (CAS 00-41-4)	STEL TWA STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3 100 ppm 545 mg/m3	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)  ETHYLBENZENE (CAS 00-41-4)	STEL TWA STEL TWA STEL TWA	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3  125 ppm 435 mg/m3 100 ppm	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)  ETHYLBENZENE (CAS 00-41-4)	STEL TWA STEL TWA STEL TWA	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3  125 ppm 435 mg/m3 100 ppm 125 mg/m3 500 ppm	
CAS 108-38-3)  BENZENE, O-DIMETHYL CAS 95-47-6)  BENZENE, P-DIMETHYL- CAS 106-42-3)	STEL TWA STEL TWA STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3 100 ppm 545 mg/m3 125 ppm 435 mg/m3 100 ppm 125 mg/m3 500 ppm 980 mg/m3	
CAS 108-38-3)  SENZENE, O-DIMETHYL CAS 95-47-6)  SENZENE, P-DIMETHYL- CAS 106-42-3)  STHYLBENZENE (CAS 00-41-4)	STEL TWA STEL TWA STEL TWA STEL	435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 655 mg/m3  150 ppm 435 mg/m3 100 ppm 545 mg/m3  125 ppm 435 mg/m3 100 ppm 125 mg/m3 500 ppm	

#### **Biological limit values**

### **ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
BENZENE, M-DIMETHYL- (CAS 108-38-3)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
BENZENE, O-DIMETHYL (CAS 95-47-6)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
BENZENE, P-DIMETHYL- (CAS 106-42-3)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Isopropanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

# Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**Chemical respirator with organic vapor cartridge and full facepiece. **Thermal hazards**Wear appropriate thermal protective clothing, when necessary.









# General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

# 9. Physical and chemical properties

## **Appearance**

Physical state Liquid.
Form Liquid.
Color Colorless
Odor Solvent.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -127.3 °F (-88.5 °C) estimated

Initial boiling point and boiling 95 °F (35 °C) estimated

range

Flash point -0.00004 °F (-17.8 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower 1.1 % estimated

(%)

Flammability limit - upper

(%)

12 % estimated

Explosive limit - lower (%)

Not available. Explosive limit - upper (%) Not available.

Vapor pressure 60.53 hPa estimated

Not available. Vapor density Not available. Relative density

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

**Auto-ignition temperature** 550 °F (287.78 °C) estimated

**Decomposition temperature** Not available. **Viscosity** Not available.

Other information

Density 0.64 g/cm3 estimated

**Explosive properties** Not explosive.

Flammability class Flammable IA estimated

**Oxidizing properties** Not oxidizing.

Percent volatile 100 v/v % By Volume

100 w/w % By Weight

Specific gravity 0.64 estimated

# 10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

**Chemical stability** Material is stable under normal conditions. Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents. Isocyanates. Chlorine. No hazardous decomposition products are known. Hazardous decomposition

products

## 11. Toxicological information

#### Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact Causes skin irritation. Causes serious eye irritation.

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious Ingestion

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Eve contact

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May

cause redness and pain.

Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways.

**Test Results** Components Species

BENZENE, M-DIMETHYL- (CAS 108-38-3)

**Acute** Oral

LD50 Rat 4300 mg/kg

Material name: Wax & Grease Remover SMR-809 Version #: 03 Revision date: 05-15-2017 Issue date: 06-21-2016 Components Species Test Results

BENZENE, O-DIMETHYL (CAS 95-47-6)

Acute Oral

LD50 Rat 4300 mg/kg

BENZENE, P-DIMETHYL- (CAS 106-42-3)

Acute Oral

LD50 Rat 3523 - 8600 mg/kg

ETHYLBENZENE (CAS 100-41-4)

<u>Acute</u> Oral

LD50 Rat 3500 mg/kg

Isopropanol (CAS 67-63-0)

<u>Acute</u>

Oral

LD50 Rat 4.7 g/kg

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

Causes serious eye irritation.

irritation

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** May cause genetic defects.

Carcinogenicity May cause cancer.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

BENZENE, M-DIMETHYL- (CAS 108-38-3)

BENZENE, O-DIMETHYL (CAS 95-47-6)

BENZENE, P-DIMETHYL- (CAS 106-42-3)

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

ETHYLBENZENE (CAS 100-41-4) 2B Possibly carcinogenic to humans.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

# 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Components		Species	Test Results	
BENZENE, M-DIMETI	HYL- (CAS 108-38-3	3)		
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	2.81 - 5 mg/l, 48 hours	
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.4 mg/l, 96 hours	

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<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Components		Species	Test Results
BENZENE, O-DIMETI	HYL (CAS 95-47-6)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.78 - 2.51 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	5.59 - 11.6 mg/l, 96 hours
BENZENE, P-DIMETH	HYL- (CAS 106-42-3	3)	
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3.55 - 6.31 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.6 mg/l, 96 hours
ETHYLBENZENE (CA	AS 100-41-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
Isopropanol (CAS 67-	63-0)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/l, 96 hours
V M & P Naphtha (CA	S 64742-89-8)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

## Persistence and degradability

# Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

 BENZENE, M-DIMETHYL 3.2

 BENZENE, O-DIMETHYL
 3.12

 BENZENE, P-DIMETHYL 3.15

 ETHYLBENZENE
 3.15

 Isopropanol
 0.05

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions**Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code**The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

## 14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

#### DOT

UN1263 **UN** number

**UN** proper shipping name Paint related material including paint thinning, drying, removing, or reducing compound

Transport hazard class(es)

3 Subsidiary risk 3 Label(s) Packing group Ш

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

149, B52, IB2, T4, TP1, TP8, TP28 Special provisions

150 Packaging exceptions 173 Packaging non bulk Packaging bulk 242

IATA

UN1263 **UN** number

Paint related material (including paint thinning or reducing compounds) **UN proper shipping name** 

Allowed with restrictions.

Transport hazard class(es)

Class 3 Subsidiary risk Packing group Ш **Environmental hazards** No. **ERG Code** 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Cargo aircraft only Allowed with restrictions.

**IMDG** 

UN1263 **UN** number

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid

lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

Transport hazard class(es)

Class 3 Subsidiary risk П Packing group

**Environmental hazards** 

Marine pollutant No. **EmS** F-E, S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Not established.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

DOT





## 15. Regulatory information

**US** federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

# **CERCLA Hazardous Substance List (40 CFR 302.4)**

BENZENE, M-DIMETHYL- (CAS 108-38-3) Listed. BENZENE, O-DIMETHYL (CAS 95-47-6) Listed. BENZENE, P-DIMETHYL- (CAS 106-42-3) Listed. ETHYLBENZENE (CAS 100-41-4) Listed. Isopropanol (CAS 67-63-0) Listed.

#### SARA 304 Emergency release notification

Not regulated.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Immediate Hazard - Yes **Hazard categories** 

Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Nο

chemical

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
BENZENE, M-DIMETHYL-	108-38-3	3 - < 5	
BENZENE, O-DIMETHYL	95-47-6	1 - < 3	
BENZENE, P-DIMETHYL-	106-42-3	1 - < 3	
ETHYLBENZENE	100-41-4	1 - < 3	
Isopropanol	67-63-0	5 - < 10	

#### Other federal regulations

## Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

BENZENE, M-DIMETHYL- (CAS 108-38-3) BENZENE, O-DIMETHYL (CAS 95-47-6) BENZENE, P-DIMETHYL- (CAS 106-42-3) ETHYLBENZENE (CAS 100-41-4)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

## FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Isopropanol (CAS 67-63-0) Low priority

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and

birth defects or other reproductive harm.

Material name: Wax & Grease Remover

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## US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004

US - California Proposition 65 - CRT: Listed date/Developmental toxin

BENZENE, METHYL- (CAS 108-88-3) Listed: January 1, 1991

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

BENZENE, M-DIMETHYL- (CAS 108-38-3) BENZENE, O-DIMETHYL (CAS 95-47-6) BENZENE, P-DIMETHYL- (CAS 106-42-3) ETHYLBENZENE (CAS 100-41-4)

Isopropanol (CAS 67-63-0)

V M & P Naphtha (CAS 64742-89-8)

#### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

 Issue date
 06-21-2016

 Revision date
 05-15-2017

Version # 03

**Disclaimer** SpeedoKote LLC. cannot anticipate all conditions under which this information and its product, or

the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to

assume liability for loss, injury, damage or expense due to improper use.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.

Material name: Wax & Grease Remover