

Safety Data Sheet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations US GHS SDS Revision Date: 08/26/2020 Date of Issue: 08/26/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Marvel Mystery Oil

Product Code: MM12R (50094), MM13R (50095), MM13RC (50096), MM14R (50097) – See section 16 for discontinued SKU's Formulation Identification Number: 42/212/01

1.2. Intended Use of the Product

Use of the Substance/Mixture: Engine Oil Additive – Fuel additive (EPA Registered)

1.3. Name, Address, and Telephone of the Responsible Party

Manufacturer

Marvel Oil Company, Inc. 2250 W. Pinehurst Blvd., Suite 150 Addison, IL 60101-6103 Phone Number: 1(630)455-3700 Toll-Free Number: 1(800)232-9596

1.4. Emergency Telephone Number

Emergency Number : CHEMTREC

Within USA and Canada: 1-800-424-9300 or +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1.	Classification	of the Substance or Mixture	
Flam. Li	iq. 3	H226	
Skin Irri	it. 2	H315	
Repr. 2		H361	
STOT SI	Ξ3	H336	
Asp. To	x. 1	H304	
Aquatio	: Acute 2	H401	
Aquatio	Chronic 2	H411	
E. II have			

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US Labeling Hazard Pictograms (GHS-US)

GH502 GH507 GH508 GH509

Signal Word (GHS-US)	: Danger
Hazard Statements (GHS-US) :	: H226 - Flammable liquid and vapor.
	H304 - May be fatal if swallowed and enters airways.
	H315 - Causes skin irritation.
	H336 - May cause drowsiness or dizziness.
	H361 - Suspected of damaging fertility or the unborn child.
	H401 - Toxic to aquatic life.
	H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statements (GHS-US) :	P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition
	sources. No smoking.
	P233 - Keep container tightly closed.
	P240 - Ground/Bond container and receiving equipment.
	P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
	P242 - Use only non-sparking tools.

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P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P310 - If swallowed: Immediately call a poison center or doctor.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a poison center or doctor if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P331 - Do NOT induce vomiting.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish. P391 - Collect spillage.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Petroleum distillates, hydrotreated light	Distillates (petroleum), hydrotreated light / Distillates, petroleum, hydrotreated light / Hydrotreated light distillate	(CAS-No.) 64742-47-8	10 - 30	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Phosphoric acid, tris(methylphenyl) esters	Phosphoric acid, tris(methylphenyl) ester / Phosphoric acid, tritolyl ester / Tricresyl phosphate	(CAS-No.) 1330-78-5	0.1 - 1	Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
o-Dichlorobenzene	Benzene, 1,2-dichloro- / Benzene, o-dichloro- / ortho- Dichlorobenzene	(CAS-No.) 95-50-1	0.11 - 0.14	Not classified
p-Dichlorobenzene	Benzene, 1,4-dichloro- / Benzene, p-dichloro- / para- Dichlorobenzene	(CAS-No.) 106-46-7	0.0002 – 0.003	Not classified

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

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. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

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First-aid Measures After Skin Contact: Immediately remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention.

First-aid Measures After Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Causes skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness and dizziness. Suspected of damaging fertility or the unborn child.

Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. **Chronic Symptoms:** Suspected of damaging fertility or the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, alcohol-resistant foam, carbon dioxide (CO₂), dry chemical powder.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Special attention should be given to low areas/pits where flammable vapours can accumulate.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products:** Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds. Phosphorus oxides. Chlorine compounds.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Avoid all contact with skin, eyes, or clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

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Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Use only non-sparking tools. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Maximum Storage Period: Shelf life is considered to be 7 – 10 years when properly stored.

7.3. Specific End Use(s)

Engine Oil Additive – Fuel additive (EPA Registered)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

o-Dichlorobe	nzene (95-50-1)	
USA ACGIH	ACGIH TWA (ppm)	25 ppm
USA ACGIH	ACGIH STEL (ppm)	50 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	300 mg/m ³
USA NIOSH	NIOSH REL (ceiling) (ppm)	50 ppm
USA IDLH	US IDLH (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (mg/m ³)	300 mg/m ³
USA OSHA	OSHA PEL (Ceiling) (ppm)	50 ppm
p-Dichlorobe	nzene (106-46-7)	
USA ACGIH	ACGIH TWA (ppm)	10 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA IDLH	US IDLH (ppm)	150 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	450 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	75 ppm

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

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Personal Protective Equipment	: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear
	respiratory protection.
Materials for Protective Clothing	: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.
Hand Protection	: Wear protective gloves.
Eye and Face Protection	: Chemical safety goggles.
Skin and Body Protection	: Wear suitable protective clothing.
Respiratory Protection	: If exposure limits are exceeded or irritation is experienced, approved respiratory
	protection should be worn. In case of inadequate ventilation, oxygen deficient
	atmosphere, or where exposure levels are not known wear approved respiratory
	protection.
Other Information	: When using, do not eat, drink or smoke.
ECTION 9: PHYSICAL AND CHEMIC	
9.1. Information on Basic Physica	•
Physical State	: Liquid : Clear Red
Appearance Odor	: Oil of wintergreen - minty
Odor Threshold	: No data available
oH	: No data available
Evaporation Rate	: No data available
Melting Point	: -51 °C (-59.8 °F)
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: 53 °C (127.4 °F) Seta Closed Cup
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: 0.876
Solubility	: Water: Insoluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available
Viscosity, Kinematic	: 2 – 3 cSt @ 100 °C (212 °F)
9.2. Other Information	
VOC content (California)	: 24.31 %
% NVM by Weight	: 75 %
ECTION 10: STABILITY AND REACT	
10.1. Reactivity: Reacts violently wit	h strong oxidizers. Increased risk of fire or explosion.
10.2. Chemical Stability: Flammable	liquid and vapor. May form flammable or explosive vapor-air mixture.
	ons: Hazardous polymerization will not occur.
	nlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames,
incompatible materials, and other ignitio	n sources.
10.5 Incompatible Materials: Strop	g acids strong bases strong ovidizers

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Not expected to decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

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Symptoms/Injuries After Ingestion: AspirationChronic Symptoms: Suspected of damaging feSECTION 12: ECOLOGICAL INFORMATION12.1.ToxicityEcology - General: 1o-Dichlorobenzene (95-50-1)IC50 Fish 1LC50 Fish 18.1thEC50 Daphnia 10.0.1LC50 Fish 25.1NOEC Chronic Crustacea0.1p-Dichlorobenzene (106-46-7)18EC50 Daphnia 10.1LC50 Fish 24		
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATIC 12.1. Toxicity Ecology - General : 1 o-Dichlorobenzene (95-50-1) LC50 Fish 1 8 th EC50 Daphnia 1 0 LC50 Fish 2 5 NOEC Chronic Crustacea 0. p-Dichlorobenzene (106-46-7) LC50 Fish 1 18 EC50 Daphnia 1 0	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) 8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) 1 mg/l 8 – 50 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) 7 mg/l	
Symptoms/Injuries After Ingestion: AspirationChronic Symptoms: Suspected of damaging feSECTION 12: ECOLOGICAL INFORMATION12.1.ToxicityEcology - General: 1o-Dichlorobenzene (95-50-1)IC50 Fish 1LC50 Fish 18thEC50 Daphnia 10.1C.LC50 Fish 25NOEC Chronic Crustacea0p-Dichlorobenzene (106-46-7)1.8LC50 Fish 11.8	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) 8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) 1 mg/l 8 – 50 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATION 12.1. Toxicity Ecology - General : 1 o-Dichlorobenzene (95-50-1) LC50 Fish 1 8 th EC50 Daphnia 1 0.1 LC50 Fish 2 5 NOEC Chronic Crustacea 0. p-Dichlorobenzene (106-46-7)	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) 8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) 1 mg/l	
Symptoms/Injuries After Ingestion: AspirationChronic Symptoms: Suspected of damaging feSECTION 12: ECOLOGICAL INFORMATION12.1.ToxicityEcology - General: 1o-Dichlorobenzene (95-50-1)	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow- rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) 8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATIC 12.1. Toxicity Ecology - General : 1 o-Dichlorobenzene (95-50-1) LC50 Fish 1 8 th EC50 Daphnia 1 0	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow- rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) 8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
Symptoms/Injuries After Ingestion: Aspiration: Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATION 12.1. Toxicity Ecology - General : 1 o-Dichlorobenzene (95-50-1) LC50 Fish 1 8. th EC50 Daphnia 1 0.	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow- rough]) 74 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATIO 12.1. Toxicity Ecology - General : 7 o-Dichlorobenzene (95-50-1) LC50 Fish 1 8 th	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow- rough])	
Symptoms/Injuries After Ingestion: AspirationChronic Symptoms: Suspected of damaging feSECTION 12: ECOLOGICAL INFORMATIO12.1.ToxicityEcology - General: 1o-Dichlorobenzene (95-50-1)2.50LC50 Fish 18.50	DN Toxic to aquatic life with long lasting effects. 23 – 10.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATION 12.1. Toxicity Ecology - General : 1 o-Dichlorobenzene (95-50-1)	DN Toxic to aquatic life with long lasting effects.	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATIO 12.1. Toxicity Ecology - General : 1	ON CONTRACTOR OF CONT	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe SECTION 12: ECOLOGICAL INFORMATIC 12.1. Toxicity	ON CONTRACTOR OF CONT	
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe		
Symptoms/Injuries After Ingestion: Aspiration Chronic Symptoms: Suspected of damaging fe		
Symptoms/Injuries After Ingestion: Aspiration		
	n into the lungs can occur during ingestion or vomiting and may cause lung injury.	
Symptoms/Injuries After Eye Contact: May ca		
	ss, pain, swelling, itching, burning, dryness, and dermatitis.	
vomiting, numbness, drowsiness, headache, a		
	centrations may cause central nervous system depression such as dizziness,	
Aspiration Hazard: May be fatal if swallowed a		
Specific Target Organ Toxicity (Repeated Expo	• •	
Specific Target Organ Toxicity (Single Exposur		
Reproductive Toxicity: Suspected of damaging	g fertility or the unborn child.	
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.	
	Carcinogen.	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity, Reasonably anticipated to be Human	
IARC group	2B	
p-Dichlorobenzene (106-46-7)		
IARC group	3	
o-Dichlorobenzene (95-50-1)		
Carcinogenicity: Not classified		
Germ Cell Mutagenicity: Not classified		
Respiratory or Skin Sensitization: Not classifie	d	
Serious Eye Damage/Irritation: Not classified		
Skin Corrosion/Irritation: Causes skin irritation	n.	
LC50 Inhalation Rat	> 5.3 mg/l/4h	
LD50 Dermal Rabbit	> 2000 mg/kg	
LD50 Oral Rat	> 5000 mg/kg	
Petroleum distillates, hydrotreated light (647	42-47-8)	
LC50 Inhalation Rat	> 5.2 mg/l/4h	
LD50 Dermal Rabbit	> 10000 mg/kg	
LD50 Oral Rat	> 20000 mg/kg	
Phosphoric acid, tris(methylphenyl) esters (13	330-78-5)	
LC50 Inhalation Rat	> 5070 mg/m³ (Exposure time: 4 h)	
LD50 Dermal Rat	> 6000 mg/kg	
LD50 Oral Rat	> 2000 mg/kg	
p-Dichlorobenzene (106-46-7)		
LC50 Inhalation Rat	9.2 mg/l (Exposure time: 6 h)	
LD50 Dermal Rabbit	> 10 g/kg	
	1516 mg/kg	
LD50 Oral Rat		
o-Dichlorobenzene (95-50-1) LD50 Oral Rat		

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LC50 Fish 1	0.1 – 0.22 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])		
LC50 Fish 2	0.21 – 0.32 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-		
	through])		
Petroleum distillates, hydrotreated light (6	54742-47-8)		
LC50 Fish 1 45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])			
LC50 Fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
12.2. Persistence and Degradability	1		
Marvel Mystery Oil			
Persistence and Degradability	May cause long-term adverse effects in the environment.		
12.3. Bioaccumulative Potential			
Marvel Mystery Oil			
Bioaccumulative Potential Not established.			
o-Dichlorobenzene (95-50-1)			
BCF Fish 1	90 – 260		
Partition coefficient n-octanol/water (Log	3.43		
Pow)			
p-Dichlorobenzene (106-46-7)			
Partition coefficient n-octanol/water (Log	3.4		
Pow)			
Petroleum distillates, hydrotreated light (6	54742-47-8)		
3CF Fish 1 61 – 159			
12.4. Mobility in Soil No additional in	nformation available		

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information

: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: EPA Hazardous Waste Number: D001 (Ignitability). Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with	n DOT
Proper Shipping Name	: PETROLEUM DISTILLATES, N.O.S
Hazard Class	: 3
Identification Number	: UN1268
Label Codes	: 3
Packing Group	:
Marine Pollutant	: Marine pollutant
ERG Number	: 128
14.2. In Accordance with	n IMDG
Proper Shipping Name	: PETROLEUM DISTILLATES, N.O.S.
Hazard Class	: 3
Identification Number	: UN1268
Packing Group	: III 🔨
Label Codes	: 3
EmS-No. (Fire)	: F-E 3
EmS-No. (Spillage)	: S-E
Marine Pollutant	: Marine pollutant
14.3. In Accordance with	n IATA
Proper Shipping Name	: PETROLEUM DISTILLATES, N.O.S.

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Packing Group Identification Number	: III : UN1268	
Hazard Class	: 3	3
Label Codes	: 3	•
ERG Code (IATA)	: 3L	

SECTION 15: REGULATORY INFORMATION

15.1. **US Federal Regulations**

All components in this mixture are listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, have been exempted, are not listed, not disclosed due to CBI requirements or disclosure rules according to the relevant regulation.

Marvel Mystery Oil					
SARA Section 311/312 Hazard C	lasses	Health hazard - Spec	Health hazard - Specific target organ toxicity (single or repeated		
		exposure)			
		Health hazard - Repr	•		
		Health hazard - Skin	corrosion or Irritation		
			mmable (gases, aerosols, li	quids, or solids)	
		Health hazard - Aspi	ration hazard		
o-Dichlorobenzene (95-50-1)					
Subject to reporting requiremen	ts of United States SA	RA Section 313			
CERCLA RQ		100 lb			
SARA Section 313 - Emission Re	porting	1%			
p-Dichlorobenzene (106-46-7)					
Subject to reporting requiremen	ts of United States SA	RA Section 313			
CERCLA RQ		100 lb	100 lb		
SARA Section 313 - Emission Re	porting	0.1 %			
Phosphoric acid, tris(methylphe	enyl) esters (1330-78-	5)			
EPA TSCA Regulatory Flag		TP - TP - indicates a substance that is the subject of a proposed		ct of a proposed	
		Section 4 test rule under TSCA.			
15.2. US State Regulation	S				
o-Dichlorobenzene (95-50-1)					
U.S Massachusetts - Right To K					
U.S New Jersey - Right to Know					
U.S Pennsylvania - RTK (Right t		ntal Hazard List			
U.S Pennsylvania - RTK (Right t	o Know) List				
p-Dichlorobenzene (106-46-7)					
U.S Massachusetts - Right To K					
U.S New Jersey - Right to Know					
U.S Pennsylvania - RTK (Right t					
U.S Pennsylvania - RTK (Right t		ardous Substances			
U.S Pennsylvania - RTK (Right t					
Phosphoric acid, tris(methylphe		•			
U.S New Jersey - Right to Know	v Hazardous Substanc	e List			
California Proposition 65					
			known to the State of Cali	fornia to cause cancer.	
For more information go	to www.P65Warning	s.ca.gov.	· · · · · · · · · · · · · · · · · · ·		
Chemical Name (CAS No.)	Carcinogenicity	Developmental	Female Reproductive	Male Reproductive	

Chemical Name (CAS No.)	Carcinogenicity	Toxicity	Toxicity	Toxicity
p-Dichlorobenzene (106-46-7)	Х			
SECTION 16: OTHER INFOR	MATION, INCLUDI	NG DATE OF PREPAR	RATION OR LAST REVIS	ION
Date of Preparation or Latest Re	evision : 08/26/20	20		
Discontinued Product SKUs		MM007, MM08, MM010 MM017, MM018, MM63	0, MM011, MM012R, MM03 13, MM005	13R, MM014R, MM015,
Other Information		This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200		
08/26/2020	EN (English U	IS)		8/9

Safety Data Sheet According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations US GHS SDS

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

GHS Full Text Phrases:

Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 3	Flammable liquids Category 3
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
 FPA Health Hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. : 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur. 	
A Reactivity Hazard	: 0 - Material that in themselves are normally stable, even under fire conditions.
th	: 2 Moderate Hazard * Chronic
mability	: 2 Moderate Hazard
ical	: 0 Minimal Hazard

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SDS US (GHS HazCom)