

SAFETY DATA SHEET

1. Identification

Product identifier	Motor Medic Gas Treatment		
Other means of identification			
SDS number	M2349		
Part No.	M2349		
Tariff code	3811.19.0000		
Recommended use	Gasoline Fuel Additive		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/I Manufacturer	Distributor information		
Company name Address	RSC Chemical Solutions 600 Radiator Road Indian Trail, NC 28079 United States		
Telephone	Customer Service: Technical:	(704) 821-764 (704) 684-18	
Website	www.rscbrands.com		
E-mail	sds@rscbrands.com		
Emergency phone number	Emergency Telephone: Emergency Contact:	(303) 623-571 RMPDC (877-	
2. Hazard(s) identification			
Physical hazards	Flammable liquids		Category 3
Health hazards	Acute toxicity, oral		Category 4
	Acute toxicity, dermal		Category 4
	Acute toxicity, inhalation		Category 4
	Skin corrosion/irritation		Category 2
	Serious eye damage/eye irritati	on	Category 2A
	Carcinogenicity		Category 2
	Specific target organ toxicity, si	ngle exposure	Category 3 narcotic effects
	Specific target organ toxicity, re exposure	epeated	Category 2
	Aspiration hazard		Category 1
Environmental hazards	Hazardous to the aquatic enviro	onment,	Category 2
OSHA defined hazards	Not classified.		

Label elements

Signal word Hazard statement Danger

Flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

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. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. Call a poison center/doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. If skin irritation occurs: 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 container tightly closed. 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	None.

3. Composition/information on ingredients

Mixtures

media

Chemical name	Common name and synonyms	CAS number	%
Petroleum Distillate Aliphatic		68476-34-6	70 - < 80
Kerosine (petroleum)		8008-20-6	20 - < 30
NAPHTHALENE		91-20-3	< 0.3
Other components below reportable le	evels		5 - < 10

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

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special 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 warm. Keep victim under observation. Symptoms may be delayed.
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.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing	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	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	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). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.
	Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. 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. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.
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. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. 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

Components	Туре	Value		
NAPHTHALENE (CAS 91-20-3)	PEL	50 mg/m3		
,		10 ppm		
US. ACGIH Threshold Limit Values	6			
Components	Туре	Value	Form	
Kerosine (petroleum) (CAS 8008-20-6)	TWA	200 mg/m3	Non-aerosol.	

US. ACGIH Threshold Limi Components	t Values Type		Value	Form
NAPHTHALENE (CAS 91-20-3)	TWA		10 ppm	
Petroleum Distillate Aliphatic (CAS 68476-34-6)	TWA		100 mg/m3	Inhalable fraction and vapor.
US. NIOSH: Pocket Guide	to Chemical Hazards			
Components	Туре		Value	
Kerosine (petroleum) (CAS 8008-20-6)	TWA		100 mg/m3	
NAPHTHALENE (CAS 91-20-3)	STEL		75 mg/m3	
			15 ppm	
	TWA		50 mg/m3	
			10 ppm	
Biological limit values	No biological exposure limi	its noted for the ingredien	it(s).	
Exposure guidelines				
US ACGIH Threshold Limit	Values: Skin designation			
Kerosine (petroleum) (C NAPHTHALENE (CAS 9 Petroleum Distillate Alip	91-20-3)	Can be absorbed the Can be absorbed the Can be absorbed the	rough the skin.	
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. Eye wash facilities and emergency shower must be available when handling this product.			
Individual protection measures				
Eye/face protection	wear safety glasses with si	ide shields (or goggles)		
Skin protection				
Hand protection	Wear appropriate chemica supplier.	l resistant gloves. Suitable	e gloves can be	recommended by the glove
	Wear appropriate chemical	I registant clothing lee o	f an imporvious	
Other	wear appropriate chemica	i resistant ciotining. Ose o	an impervious	apron is recommended.
Other Respiratory protection		0	•	f threshold limits are exceeded
		rganic vapor cartridge and	full facepiece if	•

9. Physical and chemical properties

Appearance	Liquid. Clear.
Physical state	Liquid.
Form	Liquid.
Color	Dark red.
Odor	Diesel Fuel odor
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	347 °F (175 °C) estimated
Flash point	136.0 °F (57.8 °C) Tag Closed Cup
•	Not available.
Evaporation rate	
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	0.7 % estimated
Flammability limit - upper (%)	5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.64 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	500 °F (260 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	7.09 lbs/gal
Explosive properties	Not explosive.
Flammability class	Combustible II estimated
Moisture	< 0.5 %
Oxidizing properties	Not oxidizing.
Specific gravity	0.85
VOC (Weight %)	0.3 % estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
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.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure b inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.	
Skin contact	Harmful in contact with skin. Causes skin irritation.	
Eye contact	Causes serious eye irritation.	
Ingestion	Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.	
Symptoms related to the physical, chemical and toxicological characteristics	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.	
Information on toxicological eff	ects	
Acute toxicity	May be fatal if swallowed and enters airways. Harmful if inhaled. Harmful in contact with skin. Narcotic effects.	

Components	Species		Test Results
NAPHTHALENE (CAS 91-20-3)			
<u>Acute</u>			
Dermal			
LD50	Rabbit		> 2 g/kg
	Rat		> 20 g/kg
Oral			
LD50	Guinea pig		1200 mg/kg
	Rat		490 mg/kg
* Estimates for product may be	e based on additional component	nt data not shown.	
Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye 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	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	Suspected of causing cancer.		
IARC Monographs. Overall E	valuation of Carcinogenicity		
NAPHTHALENE (CAS 91 Petroleum Distillate Alipha OSHA Specifically Regulated Not listed.	atic (CAS 68476-34-6)		enic to humans. o carcinogenicity to humans.
US. National Toxicology Pro	gram (NTP) Report on Carcin	ogens	
NAPHTHALENE (CAS 91	• • • •	-	ed to be a Human Carcinogen.
Reproductive toxicity	This product is not expected to		-
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.		
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	May be fatal if swallowed and enters airways.		
Chronic effects	May cause 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.		

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	Components		Species	Test Results	
	NAPHTHALENE (CAS 91-	-20-3)			
	Aquatic				
	Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours	
	Fish	LC50	Pink salmon (Oncorhynchus gorbuscha)	1.11 - 1.68 mg/l, 96 hours	

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octar		
NAPHTHALENE	3.3	
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

DOT	
UN number	UN1993
UN proper shipping name	Flammable liquids, n.o.s. (Petroleum Distillate Aliphatic, Kerosine (petroleum))
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B1, B52, IB3, T4, TP1, TP29
Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1993
UN proper shipping name	Flammable liquid, n.o.s. (Petroleum Distillate Aliphatic, Kerosine (petroleum))
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	Yes
ERG Code	3L
· ·	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	Allowed
Cargo aircraft only IMDG	Allowed.
-	
UN number	UN1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (Petroleum Distillate Aliphatic, Kerosine (petroleum))
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	111
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, <u>S-E</u> Dead a fate instructions, ODO and an annual second and have been diver
· ·	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and the IBC Code	





15.	Reau	latorv	inform	nation
10.	rugu	iutoi y	mon	nation

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.			۱
TSCA Section 12(b) Export	Notification (40 CFR 707, Su	bpt. D)		
Not regulated.				
CERCLA Hazardous Substa	nce List (40 CFR 302.4)			
NAPHTHALENE (CAS 9	1-20-3)	Listed.		
SARA 304 Emergency relea	se notification			
Not regulated.				
OSHA Specifically Regulate	ed Substances (29 CFR 1910.	1001-1050)		
Not listed.				
Superfund Amendments and Re	authorization Act of 1986 (S	ARA)		
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No			
SARA 302 Extremely hazar	dous substance			
Not listed.				
SARA 311/312 Hazardous chemical	No			
SARA 313 (TRI reporting)				
Chemical name		CAS number	% by wt.	
NAPHTHALENE		91-20-3	< 0.3	

Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List NAPHTHALENE (CAS 91-20-3) Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated. (SDWA) US state regulations US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed. US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) US. Massachusetts RTK - Substance List Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) US. New Jersey Worker and Community Right-to-Know Act Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) US. Pennsylvania Worker and Community Right-to-Know Law Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) **US. Rhode Island RTK** NAPHTHALENE (CAS 91-20-3) US. California Proposition 65 WARNING: This product contains a chemical known to the State of California to cause cancer. US - California Proposition 65 - CRT: Listed date/Carcinogenic substance NAPHTHALENE (CAS 91-20-3) Listed: April 19, 2002 International Inventories Country(s) or region Inventory name On inventory (yes/no)* Australia Australian Inventory of Chemical Substances (AICS) No Canada Domestic Substances List (DSL) No Canada Non-Domestic Substances List (NDSL) No China Inventory of Existing Chemical Substances in China (IECSC) No Europe European Inventory of Existing Commercial Chemical No Substances (EINECS) European List of Notified Chemical Substances (ELINCS) Europe No Inventory of Existing and New Chemical Substances (ENCS) Japan No Korea Existing Chemicals List (ECL) No New Zealand New Zealand Inventory No Philippine Inventory of Chemicals and Chemical Substances Philippines No (PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

*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	04-10-2015
Revision date	01-21-2016
Version #	03

Yes

HMIS® ratings	Health: 2* Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 3 Instability: 0
NFPA ratings	20
Disclaimer	The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.
Revision Information	Exposure controls/personal protection: Eye/face protection Exposure controls/personal protection: Respiratory protection Transport Information: Material Transportation Information GHS: Classification