# SAFETY DATA SHEET



### 1. Identification

Product identifier	Guaranteed To Pass® Emission	s System Cleaner - 12 fl oz
Other means of identification		
Product Code	No. 05063 (Item# 1003679)	
Registration number	EPA: 048320032	
Recommended use	Fuel system additive	
<b>Recommended restrictions</b>	None known.	
Manufacturer/Importer/Supplier/	Distributor information	
Manufactured or sold by:		
Company name	CRC Industries, Inc.	
Address	885 Louis Dr.	
	Warminster, PA 18974 US	
Telephone		
General Information	215-674-4300	
Technical Assistance	800-521-3168	
Customer Service	800-272-4620	
24-Hour Emergency (CHEMTREC)	800-424-9300 (US)	
Website	www.crcindustries.com	
2. Hazard(s) identification		
Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 4

	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	

Label elements

Signal word Hazard statement

Danger

Combustible liquid. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful if inhaled. Suspected of causing genetic defects. Suspected of causing cancer. Toxic to aquatic life. 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 flames and hot surfaces-No smoking. Do not breathe vapor. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
Response	If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If exposed or concerned: Get medical advice/attention. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire. 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 regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

# 3. Composition/information on ingredients

**Mixtures** 

Chemical name	Common name and synonyms	CAS number	%
distillates (petroleum), hydrodesulfurized middle	Diesel Fuel No. 2	64742-80-9	40 - 50
distillates (petroleum), hydrotrea light	ted	64742-47-8	30 - 40
polyether amine		Proprietary	20 - 30
alkyl aminoester		Proprietary	1 - 3

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	Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. 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. Call a physician or poison control center immediately.
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	Aspiration may cause pulmonary edema and pneumonitis. Headache. Dizziness. Nausea, vomiting. Diarrhea. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical 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	IF exposed or concerned: Get medical advice/attention. 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 mediaWater fog. Alcohol resistant foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).Unsuitable extinguishing<br/>mediaDo not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Combustible liquid.
6. Accidental release mea	sures
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 vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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	Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.
	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. Keep away from open flames, hot surfaces and sources of ignition. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. 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. Observe good industrial hygiene practices. For product usage instructions, see the product label.
Conditions for safe storage, including any incompatibilities	Keep away from heat and sources of ignition. Store in a cool, dry place out of direct sunlight. Store in 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.

Components	Туре	Value		
distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9)	PEL	400 mg/m3	400 mg/m3	
		100 ppm		
US. ACGIH Threshold Limit Values				
Components	Туре	Value	Form	
distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9)	TWA	5 mg/m3	Inhalable fraction.	

Components	Туре	Value
distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9)	TWA	400 mg/m3
		100 ppm
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	100 mg/m3
iological limit values	No biological exposure limits noted	for the ingredient(s).
ppropriate engineering ontrols	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. Provid eyewash station. Eye wash fountain and emergency showers are recommended.	
dividual protection measures	s, such as personal protective equip	ment
Eye/face protection	Wear safety glasses with side shiel	ds (or goggles).
Skin protection Hand protection	Wear protective gloves such as: Nit	rile. Neoprene. Polyvinyl chloride (PVC).
Other	Wear appropriate chemical resistan	t clothing.
Respiratory protection	NIOSH-approved cartridge respirate	ble or if exposure exceeds the applicable exposure limits, use a or with an organic vapor cartridge. Use a self-contained aces and for emergencies. Air monitoring is needed to re levels.
Thermal hazards	Wear appropriate thermal protective	e clothing, when necessary.
eneral hygiene onsiderations	Observe any medical surveillance r	equirements. When using do not smoke.

# 9. Physical and chemical properties

Δı	nn	еа	ra	nc	Α

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Yellow.
Odor	Petroleum.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	120.2 °F (49 °C) estimated
Flash point	160 °F (71.1 °C) Setaflash
Evaporation rate	Slow.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	0.5 % estimated
Flammability limit - upper (%)	7.5 % estimated
Vapor pressure	0.4 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	0.84
Solubility(ies)	
Solubility (water)	Negligible.
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature	410 °F (210 °C) estimated
Decomposition temperature	Not available.
Percent volatile	77 % 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	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, 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	Carbon oxides. Nitrogen oxides (NOx). Aldehydes. Hydrocarbon fumes and smoke.

## 11. Toxicological information

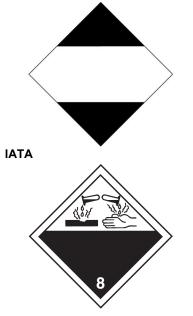
TT. TOXICOlOgical Informa	luon		
Information on likely routes of e	-		
Inhalation	Harmful if inhaled.		
Skin contact	Causes severe skin burns. May cause an allergic skin reaction.		
Eye contact	Causes serious eye damage. Causes digestive tract burns. Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.		
Ingestion			
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Headache. Dizziness. Nausea, vomiting. Diarrhea. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.		
Information on toxicological effe	ects		
Acute toxicity	May be fatal if swallowed and enters airways. Harmful if inhaled.		
Components	Species	Test Results	
distillates (petroleum), hydrodesul	furized middle (CAS 64742-80-9)		
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg	
Inhalation			
Vapor LC50	Rat	10, 20 mg/L 4 hours	
	Nat	10 - 20 mg/l, 4 hours	
<b>Oral</b> LD50	Rat	> 5000 mg/kg	
distillates (petroleum), hydrotreate			
Acute	(CAO 04742-47-0)		
Dermal			
LD50	Rat	> 2000 mg/kg	
Inhalation			
LC50	Rat	> 5.2 mg/l, 4 hours	
Oral		<b>U</b>	
LD50	Rat	> 5000 mg/kg, 2.5 hours	
Skin corrosion/irritation	Causes severe skin burns and eye damage.		
Serious eye damage/eye	Causes serious eye damage.		
irritation			
	n		
irritation	<b>n</b> Not a respiratory sensitizer.		
irritation Respiratory or skin sensitization			

Coroinegenieity	Supported o	f coucing concor			
Carcinogenicity		Suspected of causing cancer.			
IARC Monographs. Overall Evaluation of Carcinogenicity Not listed.					
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)					
Not regulated.					
US. National Toxicology Pr	rogram (NTP) F	Report on Carcinogens			
Not listed.	<b></b>				
Reproductive toxicity	•	is not expected to cause reproductive or	developmental effects.		
Specific target organ toxicity - single exposure		Not classified.			
Specific target organ toxicity - repeated exposure	Not classified	Not classified.			
Aspiration hazard	May be fatal	May be fatal if swallowed and enters airways.			
Chronic effects	Prolonged in	halation may be harmful.			
12. Ecological informatio	on				
Ecotoxicity		atic life with long lasting effects.			
Components		Species	Test Results		
distillates (petroleum), hydro		•			
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		
distillates (petroleum), hydro	treated light (CA	AS 64742-47-8)			
Aquatic					
Acute					
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	> 1000 mg/l, 96 hours		
polyether amine					
Aquatic					
Acute	EC50	Cruetagoa	> 120 mg/l, 48 hours		
Crustacea		Crustacea			
Fish	LC50	Fish	> 100 mg/l, 96 hours		
Persistence and degradability Bioaccumulative potential	No data is av	vailable on the degradability of any ingre	dients in the mixture.		
Partition coefficient n-octa distillates (petroleum), hydrod					
Mobility in soil	No data avai	lable.			
Other adverse effects		verse environmental effects (e.g. ozone c docrine disruption, global warming poten			
13. Disposal consideration	ons				
Hazardous waste code	Not regulate	d.			
Disposal instructions	This product	is not a RCRA hazardous waste (See 40			
	containers may be recycled. 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 in accordance with all applicable regulations.				
Contaminated packaging			, follow label warnings even after container is proved waste handling site for recycling or		

# 14. Transport information

DOT	
UN number	UN1760
UN proper shipping name	Corrosive liquids, n.o.s. (polyether amine), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B2, IB2, T11, TP2, TP27
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1760
UN proper shipping name	Corrosive liquid, n.o.s. (polyether amine)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	II
ERG Code	8L
· · ·	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed with restrictions.
aircraft	
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	
UN proper shipping name	CORROSIVE LIQUID, N.O.S. (polyether amine), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	II.
Environmental hazards	
Marine pollutant	Yes, but exempt from the regulations.
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.





#### 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.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### CERCLA Hazardous Substances: Reportable quantity

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

#### Other federal regulations

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

Not regulated.

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

Not regulated.
Safe Drinking Water Act Not regulated.
(SDWA)
Food and Drug Not regulated.
Administration (FDA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No (Exempt) chemical

SARA 313 (TRI reporting) Not regulated.

#### **US state regulations**

#### US. New Jersey Worker and Community Right-to-Know Act

distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9)

US. Massachusetts RTK - Substance List

distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9)

#### US. Pennsylvania Worker and Community Right-to-Know Law

distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9) distillates (petroleum), hydrotreated light (CAS 64742-47-8)

#### US. Rhode Island RTK

distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9) distillates (petroleum), hydrotreated light (CAS 64742-47-8)

#### **California Proposition 65**



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

California Proposition 65 - CRT: Listed date/Carcinogenic substance				
benzene (CAS 71-43-2)	Listed: February 27, 1987			
ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004			
naphthalene (CAS 91-20-3)	Listed: April 19, 2002			
California Proposition 65 - CRT: Listed date/Developmental toxin				
benzene (CAS 71-43-2)	Listed: December 26, 1997			
toluene (CAS 108-88-3)	Listed: January 1, 1991			
California Proposition 65 - CRT: Listed date/Male reproductive toxin				
benzene (CAS 71-43-2)	Listed: December 26, 1997			

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

distillates (petroleum), hydrodesulfurized middle (CAS 64742-80-9) distillates (petroleum), hydrotreated light (CAS 64742-47-8)

#### Volatile organic compounds (VOC) regulations

#### EPA

100 %	
Not regulated	
Not regulated	
93.2 %	
93.2 %	
Inventory name	On inventory (yes/no)*
Australian Inventory of Chemical Substances (AICS)	Yes
Domestic Substances List (DSL)	Yes
Non-Domestic Substances List (NDSL)	No
Inventory of Existing Chemical Substances in China (IECSC)	Yes
European Inventory of Existing Commercial Chemical Substances (EINECS)	No
European List of Notified Chemical Substances (ELINCS)	No
Inventory of Existing and New Chemical Substances (ENCS)	No
Existing Chemicals List (ECL)	Yes
New Zealand Inventory	Yes
Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan Chemical Substance Inventory (TCSI)	Yes
Toxic Substances Control Act (TSCA) Inventory	Yes
	Not regulated 93.2 % 93.2 % <b>Inventory name</b> Australian Inventory of Chemical Substances (AICS) Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances in China (IECSC) European Inventory of Existing Commercial Chemical Substances (EINECS) European List of Notified Chemical Substances (ELINCS) Inventory of Existing and New Chemical Substances (ENCS) Existing Chemicals List (ECL) New Zealand Inventory Philippine Inventory of Chemicals and Chemical Substances (PICCS) Taiwan Chemical Substance Inventory (TCSI)

\*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 Revision date Prepared by Version #	04-11-2019 08-13-2019 Allison Yoon 02
Further information	CRC # 1750781
Disclaimer	The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries, Inc
Revision information	Product and Company Identification: Product Registration Numbers Physical & Chemical Properties: Multiple Properties Transport Information: Proper Shipping Name/Packing Group GHS: Classification