CRC.

SAFETY DATA SHEET

1. Identification

Product identifier Quick Flow™ Emergency Diesel-Gel Relief

Other means of identification

Product code 05911, 05928

Recommended use Dissolve gelled diesel fuel

Recommended restrictions 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** 800-521-3168

Assistance

 Customer Service
 800-272-4620

 24-Hour Emergency
 800-424-9300 (US)

(CHEMTREC) 703-527-3887 (International)
Website www.crcindustries.com

2. Hazard(s) identification

Physical hazardsFlammable liquidsCategory 3Health hazardsCarcinogenicityCategory 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

Environmental hazards Hazardous to the aquatic environment, acute

hazard

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statementFlammable liquid and vapor. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Suspected of causing cancer. Toxic to aquatic life. Harmful 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. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. 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. Avoid breathing mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Category 2

Category 3

Material name: Quick Flow™ Emergency Diesel-Gel Relief 05911, 05928 Version #: 01 Issue date: 03-09-2015

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

> Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical attention. In case of fire: Do not use water jet as an

extinguisher, as this will spread the fire.

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

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

Hazard(s) not otherwise classified (HNOC)

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

lixtures			
Chemical name	Common name and synonyms	CAS number	%
Stoddard Solvent		8052-41-3	80 - 90
Solvent naphtha (petroleum), heavy arom.		64742-94-5	5 - 10
1,2,4-Trimethylbenzene		95-63-6	1 - 3
Naphthalene		91-20-3	< 1

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

pneumonitis.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell.

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical Skin contact

attention if irritation develops and persists.

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

present and easy to do. 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.

membranes. Irritation of nose and throat. Aspiration may cause pulmonary edema and

Most important symptoms/effects, acute and

delayed

Indication of immediate

medical attention and special treatment needed

General information

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.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes and mucous

Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may

be used for small fires only. Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable extinguishing media

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. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Fire-fighting

equipment/instructions General fire hazards

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

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

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. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. 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. 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. 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. Use appropriate containment to avoid environmental contamination.

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. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist or vapor. Avoid prolonged exposure. 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. For product usage instructions, please see the product label.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Components	Туре	Value	
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3	
		10 ppm	
Solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)	PEL	400 mg/m3	
		100 ppm	
Stoddard Solvent (CAS 8052-41-3)	PEL	2900 mg/m3	
		500 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	25 ppm	
Naphthalene (CAS 91-20-3)	TWA	10 ppm	
Solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.

US. ACGIH Threshold Limit Values Components	s Type	Value	Form
Stoddard Solvent (CAS 8052-41-3)	TWA	100 ppm	
US. NIOSH: Pocket Guide to Chem	nical Hazards		
Components	Туре	Value	
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m3	
,		25 ppm	
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3	
		15 ppm	
	TWA	50 mg/m3	
		10 ppm	
Stoddard Solvent (CAS 8052-41-3)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

US ACGIH Threshold Limit Values: Skin designation

Naphthalene (CAS 91-20-3)

Can be absorbed through 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.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear protective gloves such as: Nitrile. Neoprene. Polyvinyl chloride (PVC).

Other Wear suitable protective clothing. Use of an impervious apron is recommended.

NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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 Light amber.
Odor Petroleum.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -94 °F (-70 °C) estimated Initial boiling point and boiling 315 °F (157.2 °C) estimated

range

Flash point 110 °F (43.3 °C) Tag Closed Cup

Evaporation rate Slow.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

0.7 % estimated

Flammability limit - upper

(%)

6.8 % estimated

Vapor pressure 0.9 hPa estimated

Vapor density > 4 (air = 1)

Relative density 0.79

Solubility (water) Negligible.

Partition coefficient Not available.

(n-octanol/water)

NUL avallable.

Auto-ignition temperature

450 °F (232.2 °C) estimated

Decomposition temperatureNot available.Viscosity (kinematic)Not available.Percent volatile98 % estimated

10. Stability and reactivity

ReactivityThe 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 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

Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

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

chemical pneumonia.

Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be

harmful.

Skin contact Prolonged skin contact may cause temporary irritation. **Eye contact** Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat.

Aspiration may cause pulmonary edema and pneumonitis. Irritation of eyes and mucous

cteristics membranes.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Product Species Test Results

Quick Flow™ Emergency Diesel-Gel Relief

Acute

Dermal

LD50 Rabbit 3.5232 g/kg estimated

Inhalation

LC50 Rat 578.4146 mg/l, 4 hours estimated

Oral

LD50 Rat 5.872 g/kg estimated

Chronic

Oral LD50

Mouse 4278.0757 g/kg estimated

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

Skin corrosion/irritation

Serious eye damage/eye

irritation

Prolonged skin contact may cause temporary irritation. Direct contact with eyes may cause temporary irritation.

Respiratory sensitization

Not available.

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

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Suspected of causing cancer. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Naphthalene (CAS 91-20-3) 2B Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

Naphthalene (CAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.

This product is not expected to cause reproductive or developmental effects.

May cause drowsiness and dizziness.

Specific target organ toxicity -

single exposure

Reproductive toxicity

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting,

may cause chemical pneumonia, pulmonary injury or death.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

cotoxicity	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.		
Components		Species	Test Results
1,2,4-Trimethylbenzen	ie (CAS 95-63-6)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours
Naphthalene (CAS 91-	-20-3)		
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	1.6 mg/l, 96 hours
Solvent naphtha (petro	oleum), heavy arom	n. (CAS 64742-94-5)	
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

^{*} 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 No data available. Partition coefficient n-octanol / water (log Kow)

Naphthalene 3.3 Stoddard Solvent 3.16 - 7.15

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 of waste from residues / unused products If discarded, this product is considered a RCRA ignitable waste, D001. 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.

D001: Waste Flammable material with a flash point <140 F Hazardous waste code

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

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

emptied.

14. Transport information

DOT

NON-BULK

Not regulated as dangerous goods by ground.

DOT

Air

UN1268 **UN** number

UN proper shipping name Petroleum distillates, n.o.s. or Petroleum products, n.o.s., Limited Quantity

Transport hazard class(es)

Class 3 Subsidiary risk 3 Label(s) Ш **Packing group**

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

144, B1, IB3, T4, TP1, TP29 Special provisions

150 Packaging exceptions 203 Packaging non bulk 242 Packaging bulk

DOT

Maritime

UN number UN1268

Petroleum distillates, n.o.s. or Petroleum products, n.o.s., Limited Quantity **UN proper shipping name**

Transport hazard class(es)

3 Subsidiary risk _ 3 Label(s) Packing group

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

Special provisions 144, B1, IB3, T4, TP1, TP29

Packaging exceptions 150 203 Packaging non bulk Packaging bulk 242

IATA

UN1268 **UN number**

UN proper shipping name Petroleum products, n.o.s., Limited Quantity

Transport hazard class(es)

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

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

Other information

Passenger and cargo Allowed.

aircraft

Cargo aircraft only Allowed.

IMDG

UN number UN1268

PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S., LIMITED QUANTITY **UN proper shipping name**

Transport hazard class(es)

Class 3 Subsidiary risk Ш Packing group

Environmental hazards

Marine pollutant No.

F-E. S-E **EmS**

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.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

SARA 304 Emergency release notification

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

1,2,4-Trimethylbenzene (CAS 95-63-6)

Naphthalene (CAS 91-20-3)

CERCLA Hazardous Substance List (40 CFR 302.4)

Naphthalene (CAS 91-20-3)

CERCLA Hazardous Substances: Reportable quantity

Naphthalene (CAS 91-20-3)

100 LBS

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.

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

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)

Section 311/312 Immediate Hazard - Yes **Hazard categories** Delayed Hazard - Yes

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

SARA 302 Extremely hazardous substance

No

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

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

Stoddard Solvent (CAS 8052-41-3)

1,2,4-Trimethylbenzene (CAS 95-63-6)

Naphthalene (CAS 91-20-3)

Solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)

US. Massachusetts RTK - Substance List

1,2,4-Trimethylbenzene (CAS 95-63-6)

Stoddard Solvent (CAS 8052-41-3)

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

Naphthalene (CAS 91-20-3)

1,2,4-Trimethylbenzene (CAS 95-63-6)

Stoddard Solvent (CAS 8052-41-3)

US. Rhode Island RTK

1,2,4-Trimethylbenzene (CAS 95-63-6)

Naphthalene (CAS 91-20-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)
Naphthalene (CAS 91-20-3)
Listed: February 27, 1987
Listed: June 11, 2004
Listed: April 19, 2002

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

Benzene (CAS 71-43-2)

Toluene (CAS 108-88-3)

Listed: December 26, 1997

Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) Listed: August 7, 2009
US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997

Volatile organic compounds (VOC) regulations

EPA

VOC content (40 CFR 98

51.100(s))

Consumer products Not regulated

(40 CFR 59, Subpt. C)

State

VOC content (CA)

VOC content (CA)

VOC content (OTC)

98 %

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)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Toxic Substances Control Act (TSCA) Inventory

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

Issue date03-09-2015Prepared byAllison Cho

Version # 01

United States & Puerto Rico

Further information CRC # 673C

HMIS® ratings Health: 1*
Flammability: 2

Physical hazard: 0
Personal protection: B

NFPA ratings Health: 1

Flammability: 2 Instability: 0

Material name: Quick Flow™ Emergency Diesel-Gel Relief 05911, 05928 Version #: 01 Issue date: 03-09-2015

Yes

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).

NFPA ratings



Disclaimer

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