

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 2/16/2023 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : Bardahl Multi-System Tune Up

Product code : 5030

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Gasoline additive

1.3. Supplier

Bardahl Manufacturing Corporation

1400 NW 52nd Street

P.O. Box

Seattle, WA 98107

USA

T 206-783-4851 - F 206-784-3219

www.bardahl.com Contact: Jackie Leung

1.4. Emergency telephone number

Emergency number : 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids, Category 4

Acute toxicity (inhalation:dust,mist) Category 4

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2

Skin sensitisation, Category 1 Carcinogenicity, Category 2 Aspiration hazard, Category 1

Skin sensitisation Category 1

Combustible liquid
Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.

May be fatal if swallowed and enters airways.

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)





Signal word (GHS US)

Hazard statements (GHS US)

Danger

Combustible liquid

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye irritation.

Harmful if inhaled.

Suspected of causing cancer.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Precautionary statements (GHS US)

: Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands, forearms and face thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

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

If swallowed: Immediately call a poison center or doctor.

If on skin: Wash with plenty of water.

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 or doctor if you feel unwell.

Specific treatment (see supplemental first aid instruction on this label).

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

In case of fire: Use media other than water to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Petroleum distillates (Diesel fuel no. 2)	CAS-No.: 68476-34-6	≥ 80	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Monoalkylaryl alkoxylate aminated	CAS-No.: 2306287- 53-4	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Dipropylene glycol monomethyl ether	CAS-No.: 34590-94-8	1 – 5	Flam. Liq. 4, H227 STOT SE 3, H335

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
1,2,4-Trimethyl benzene	CAS-No.: 95-63-6	1 – 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
1,3,5-Trimethyl benzene	CAS-No.: 108-67-8	0.1 – 5	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411
Fatty acids, reaction products with alkanolamine and alkyloxide	CAS-No.: Confidential	1 – 5	Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 2, H401
Cumene	CAS-No.: 98-82-8	0.01 – 1	Flam. Liq. 3, H226 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

No additional information available

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

No additional information available

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

No additional information available

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Bardahl Multi-System Tune Up

No additional information available

Fatty acids, reaction products with alkanolamine and alkyloxide (Confidential)

No additional information available

Monoalkylaryl alkoxylate aminated (2306287-53-4)

No additional information available

1,2,4-Trimethyl benzene (95-63-6)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm] 10 ppm

1,3,5-Trimethyl benzene (108-67-8)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm] 10 ppm 10 ppm

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Cumene (98-82-8)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	5 ppm	
Dipropylene glycol monomethyl ether (34590-94-8)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	50 ppm	
USA - OSHA - Occupational Exposure Limits		
Local name	Dipropylene glycol methyl ether	
OSHA PEL TWA [1]	600 mg/m³	
OSHA PEL TWA [2]	100 ppm	
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)		
USA - ACGIH - Occupational Exposure Limits		
Local name	Diesel fuel as total	
ACGIH OEL TWA	100 mg/m³	

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : light yellow : characteristic Odour Odour threshold : No data available рΗ : No data available : No data available Melting point Freezing point : No data available Boiling point : No data available

Flash point : 62.5 °C observed. ASTM D-93

Relative evaporation rate (butylacetate=1) No data available Flammability (solid, gas) No data available Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : 0.845 ASTM D-1298 Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available < 20.5 mm²/s at 40 C. Viscosity, kinematic No data available Viscosity, dynamic **Explosive limits** No data available Explosive properties No data available Oxidising properties : No data available

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Harmful if inhaled.

Acute toxicity (illinatation)	Harriidi II IIIIaled.	
Bardahl Multi-System Tune Up		
ATE US (dust,mist)	1.805 mg/l/4h	
1,2,4-Trimethyl benzene (95-63-6)		
LD50 oral rat	6000 mg/kg bodyweight (EU Method B.1 tris: Acute oral toxic – Acute toxic class method, Rat, Male, Experimental value, Oral, 014 day(s))	
LD50 dermal rat	3440 mg/kg (24 h, Rat, Male / female, Read-across, Dermal)	
LC50 Inhalation - Rat	> 10.2 mg/l air (4 h, Rat, Male / female, Read-across, Inhalation (vapours), 14 day(s))	
ATE US (oral)	6000 mg/kg bodyweight	
ATE US (dermal)	3440 mg/kg bodyweight	
ATE US (gases)	4500 ppmv/4h	
ATE US (vapours)	11 mg/l/4h	
ATE US (dust,mist)	1.5 mg/l/4h	
1,3,5-Trimethyl benzene (108-67-8)		
LD50 oral rat	6000 mg/kg bodyweight (Equivalent or similar to EU Method B.1, Rat, Male, Read-across, Oral, 14 day(s))	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1,3,5-Trimethyl benzene (108-67-8)		
LD50 dermal rat	> 2000 mg/kg bw/day (24 h, Rat, Male / female, Read-across, Dermal)	
LC50 Inhalation - Rat	> 10.2 mg/l air (4 h, Rat, Male / female, Read-across, Inhalation, 14 day(s))	
ATE US (oral)	6000 mg/kg bodyweight	
Cumene (98-82-8)		
LD50 oral rat	2700 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 014 day(s))	
LD50 dermal rabbit	> 3160 mg/kg bodyweight (24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))	
LC50 Inhalation - Rat	39 mg/l (4 h, Rat, Male, Experimental value, Inhalation (vapours), 14 day(s))	
ATE US (oral)	2700 mg/kg bodyweight	
ATE US (vapours)	39 mg/l/4h	
ATE US (dust,mist)	39 mg/l/4h	
Dipropylene glycol monomethyl ether (34590	-94-8)	
LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	9510 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))	
ATE US (dermal)	9510 mg/kg bodyweight	
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)		
LD50 oral rat	> 5000 mg/kg (Rat, Oral)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)	
LC50 Inhalation - Rat	> 5 mg/l (4 h, Rat, Inhalation)	
ATE US (gases)	4500 ppmv/4h	
ATE US (vapours)	11 mg/l/4h	
ATE US (dust,mist)	1.5 mg/l/4h	
Skin corrosion/irritation :	Causes skin irritation.	
1,2,4-Trimethyl benzene (95-63-6)		
рН	No data available in the literature	
Dipropylene glycol monomethyl ether (34590-94-8)		
pH	7 (100 %, 25 °C)	
Serious eye damage/irritation :	Causes serious eye irritation.	
1,2,4-Trimethyl benzene (95-63-6)		
рН	No data available in the literature	
Dipropylene glycol monomethyl ether (34590	-94-8)	
pH	7 (100 %, 25 °C)	
· · · · · ·	May cause an allergic skin reaction.	
3 ,	Not classified Suspected of causing cancer.	
	Casposion of Gadoning Galicon.	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2B - Possibly carcinogenic to humans		
2P. Possibly estringgnis to humans		
2B - Possibly Carcinogenic to numaris		
: Not classified		
: Not classified		
May cause respiratory irritation.		
May cause respiratory irritation.		
May cause respiratory irritation.		
Dipropylene glycol monomethyl ether (34590-94-8)		
May cause respiratory irritation.		
: Not classified		
: May be fatal if swallowed and enters airways.		
: < 20.5 mm²/s at 40 C.		
0.843 mm²/s (20 °C)		
1,3,5-Trimethyl benzene (108-67-8)		
0.843 mm²/s (20 °C)		
Cumene (98-82-8)		
0.74 mm²/s (38 °C)		
Dipropylene glycol monomethyl ether (34590-94-8)		
4.55 mm²/s (20 °C, OECD 114: Viscosity of Liquids)		
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)		
3.3 (1.7 – 4.1) mm ² /s @ 40 C		

SECTION 12: Ecological information

12.1. Toxicity

1,2,4-Trimethyl benzene (95-63-6)		
LC50 - Fish [1]	7.72 mg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)	
EC50 96h - Algae [1]	2.356 mg/l (ECOSAR, Algae, Fresh water, QSAR)	
1,3,5-Trimethyl benzene (108-67-8)		
LC50 - Fish [1]	12.52 mg/l (96 h, Carassius auratus, Flow-through system, Fresh water, Experimental value, Nominal concentration)	
ErC50 algae	53 mg/l (DIN 38412-9, 48 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Cumene (98-82-8)		
LC50 - Fish [1]	4.8 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water Experimental value, GLP)	
EC50 - Crustacea [1]	2.14 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)	
ErC50 algae	2.01 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)	
Dipropylene glycol monomethyl ether (34590-94-8)		
LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Poecilia reticulata, Static system, Fresh water, Experimental value, GLP)	
ErC50 algae	> 969 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)	

1,2,4-Trimethyl benzene (95-63-6)		
Persistence and degradability	Not readily biodegradable in water.	
Chemical oxygen demand (COD)	0.44 g O ₂ /g substance	
1,3,5-Trimethyl benzene (108-67-8)		
Persistence and degradability	Biodegradable in the soil. Biodegradable in water.	
Biochemical oxygen demand (BOD)	0.0957 g O₂/g substance	
Chemical oxygen demand (COD)	0.319 g O₂/g substance	
ThOD	3.19 g O ₂ /g substance	
Cumene (98-82-8)		
Persistence and degradability	Not readily biodegradable in water.	
Biochemical oxygen demand (BOD)	1.28 g O ₂ /g substance	
Chemical oxygen demand (COD)	2.42 g O ₂ /g substance	
ThOD	3.2 g O ₂ /g substance	
Dipropylene glycol monomethyl ether (34590-94-8)		
Persistence and degradability	Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0 g O ₂ /g substance	
ThOD	2.06 g O₂/g substance	
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)		
Persistence and degradability	Inherently biodegradable.	

12.3. Bioaccumulative potential

1,2,4-Trimethyl benzene (95-63-6)	
BCF - Fish [1]	243 (Pimephales promelas, QSAR)
Partition coefficient n-octanol/water (Log Pow)	3.63 (Experimental value, KOWWIN)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1,3,5-Trimethyl benzene (108-67-8)		
BCF - Fish [1]	161 (Pimephales promelas, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	3.42 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
Cumene (98-82-8)		
BCF - Other aquatic organisms [1]	94.69 l/kg (BCFBAF v3.00, Calculated value)	
Partition coefficient n-octanol/water (Log Pow)	3.55 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Dipropylene glycol monomethyl ether (34590-94-8)		
Partition coefficient n-octanol/water (Log Pow)	0.004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)		
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6	
12.4. Mobility in soil		

1,2,4-Trimethyl benzene (95-63-6)			
Surface tension	No data available in the literature		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.04 (log Koc, Calculated value)		
Ecology - soil	Low potential for mobility in soil. May be harmful to plant growth, blooming and fruit formation.		
1,3,5-Trimethyl benzene (108-67-8)	1,3,5-Trimethyl benzene (108-67-8)		
Surface tension	27550 mN/m (25 °C, 100 vol %)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.87 (log Koc, Calculated value)		
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.		
Cumene (98-82-8)			
Surface tension	28.2 mN/m (20 °C)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.946 (log Koc, Calculated value)		
Ecology - soil	Low potential for adsorption in soil.		
Dipropylene glycol monomethyl ether (34590-94-8)			
Surface tension	68.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)		
Ecology - soil	Highly mobile in soil. Not toxic to plants.		
Petroleum distillates (Diesel fuel no. 2) (68476-34-6)			
Surface tension	25 mN/m		

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Petroleum distillates (Diesel fuel no. 2) (68476-34-6)

Ecology - soil No (test)data on mobility of the component(s) available.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

TDG

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

No data available

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Fatty acids, reaction products with alkanolamine and alkyloxide	Confidential	Not present	-	
Monoalkylaryl alkoxylate aminated	2306287-53-4	Not present	-	
1,2,4-Trimethyl benzene	95-63-6	Present	Active	
1,3,5-Trimethyl benzene	108-67-8	Present	Active	
Cumene	98-82-8	Present	Active	
Dipropylene glycol monomethyl ether	34590-94-8	Present	Active	
Petroleum distillates (Diesel fuel no. 2)	68476-34-6	Present	Active	

1,2,4-Trimethyl benzene (95-63-6)

Subject to reporting requirements of United States SARA Section 313

Cumene (98-82-8)

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 5000 lb

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

Cumene (98-82-8)

Listed on IARC (International Agency for Research on Cancer)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.3. US State regulations

Cumene (98-82-8)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		

Component	State or local regulations
1,2,4-Trimethyl benzene(95-63-6)	U.S New Jersey - Right to Know Hazardous Substance List
Cumene(98-82-8)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Dipropylene glycol monomethyl ether(34590-94-8)	U.S New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary

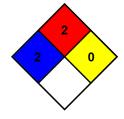
incapacitation or residual injury.

NFPA fire hazard : 2 - Materials that must be moderately heated or exposed to relatively

high ambient temperatures before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire

conditions.



Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient

temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F

but below 200 F. (Classes II IIIA)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT

react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : B - Safety glasses, Gloves

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.