

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>AD58 Quick N Clean</b>
<b>Other means of identification</b>	Not available.
<b>Recommended use</b>	Cleaner.
<b>Recommended restrictions</b>	Use in accordance with supplier's recommendations.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Granitize Products, Inc. 11022 Vulcan Street South Gate, CA 90280-0893 US (562) 923-5438
<b>Telephone:</b>	CHEMTREC: (800) 424-9300
<b>Emergency</b>	CHEMTREC International: 00 1-703-527-3887

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 2
	Specific target organ toxicity, repeated exposure	Category 1 (Adrenal gland, Bone marrow, Liver, Lymph node, Kidney, Stomach, Thymus)
	Aspiration hazard	Category 1
<b>OSHA defined hazards</b>	Not classified.	

### Label elements

**Signal word**

Danger

**Hazard statement**

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. Causes damage to organs (Adrenal gland, Bone marrow, Liver, Lymph node, Kidney, Stomach, Thymus) through prolonged or repeated exposure. May cause cancer.

**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 dust/fume/gas/mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF exposed or concerned: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.

**Storage**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal**

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

**Hazard(s) not otherwise classified (HNOC)**

None known.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Light naphthenic distillate (petroleum)	64741-52-2	75-99
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	1-8
Methyl isobutyl carbinol	108-11-2	1-8
Oleic acid	112-80-1	1-8

**Composition comments** Components not listed are either non-hazardous or are below reportable limits. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

<b>Inhalation</b>	Move into fresh air and keep at rest. If breathing is difficult, give oxygen. Get medical attention if discomfort develops or persists.
<b>Skin contact</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing separately before reuse. Get medical attention. Destroy or thoroughly clean contaminated shoes.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Continue rinsing. Get medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. Call a physician or poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. Causes damage to organs (Adrenal gland, Bone marrow, Liver, Lymph node, Kidney, Stomach, Thymus) through prolonged or repeated exposure.
<b>Indication of immediate medical attention and special treatment needed</b>	Keep victim warm. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. 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.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water. Water spray. Foam. Dry powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Water jet.
<b>Specific hazards arising from the chemical</b>	Material will float and may ignite on surface of water. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along the floor and in the bottom of containers. Vapors may be ignited by a spark, a hot surface or an ember.
<b>Special protective equipment and precautions for firefighters</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
<b>Fire-fighting equipment/instructions</b>	Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>General fire hazards</b>	Flammable liquid and vapor. Heat may cause the containers to explode.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.
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**Methods and materials for containment and cleaning up**

Extinguish all flames in the vicinity. Remove sources of ignition. Should not be released into the environment. Prevent entry into waterways, sewers, basements or confined areas.

Large Spills: Stop leak if you can do so without risk. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

**7. Handling and storage****Precautions for safe handling**

Do not handle until all safety precautions have been read and understood. Keep away from heat and sources of ignition. Use only with adequate ventilation. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

Follow rules for flammable liquids. Keep away from heat, sparks and open flame. Keep in a well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

**8. Exposure controls/personal protection****Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	PEL	5 mg/m <sup>3</sup>	Mist.
		2000 mg/m <sup>3</sup> 500 ppm	
Light naphthenic distillate (petroleum) (CAS 64741-52-2)	PEL	5 mg/m <sup>3</sup>	Mist.
Methyl isobutyl carbinol (CAS 108-11-2)	PEL	100 mg/m <sup>3</sup>	
		25 ppm	

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Light naphthenic distillate (petroleum) (CAS 64741-52-2)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Methyl isobutyl carbinol (CAS 108-11-2)	STEL	40 ppm	
	TWA	25 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Light naphthenic distillate (petroleum) (CAS 64741-52-2)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

## US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Methyl isobutyl carbinol (CAS 108-11-2)	STEL	165 mg/m3	
	TWA	40 ppm	
		100 mg/m3	
		25 ppm	

**Biological limit values** No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

#### US - California OELs: Skin designation

Methyl isobutyl carbinol (CAS 108-11-2) Can be absorbed through the skin.

#### US - Minnesota Haz Subs: Skin designation applies

Methyl isobutyl carbinol (CAS 108-11-2) Skin designation applies.

#### US - Tennessee OELs: Skin designation

Methyl isobutyl carbinol (CAS 108-11-2) Can be absorbed through the skin.

#### US ACGIH Threshold Limit Values: Skin designation

Methyl isobutyl carbinol (CAS 108-11-2) Can be absorbed through the skin.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Methyl isobutyl carbinol (CAS 108-11-2) Can be absorbed through the skin.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Methyl isobutyl carbinol (CAS 108-11-2) Can be absorbed through the skin.

**Appropriate engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear approved safety glasses or goggles. Wear face shield if there is risk of splashes.

#### Skin protection

**Hand protection** Wear protective gloves.

**Other** Wear suitable protective clothing.

**Respiratory protection** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.

**Thermal hazards** Not applicable.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

**Appearance** Amber liquid.

**Physical state** Liquid.

**Form** Liquid.

**Color** Amber.

**Odor** Solvent.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** > 212 °F (> 100 °C)

**Flash point** 140.0 °F (60.0 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.887
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble in water.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>VOC (Weight %)</b>	825 g/l

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Risk of ignition. Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Electrostatic discharge.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	None known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** May be fatal if swallowed and enters airways.

### Information on toxicological effects

**Acute toxicity** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Methyl isobutyl carbinol (CAS 108-11-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2884 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 16 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	2600 mg/kg
Oleic acid (CAS 112-80-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	> 3000 mg/kg

Components	Species	Test Results
Oral LD50	Rat	74 g/kg
<b>Skin corrosion/irritation</b>	Prolonged or repeated contact may dry skin and cause irritation.	
<b>Serious eye damage/eye irritation</b>	Not classified.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not classified.	
<b>Skin sensitization</b>	Not a skin sensitizer.	
<b>Germ cell mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	May cause cancer.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	3	Not classifiable as to carcinogenicity to humans.
<b>NTP Report on Carcinogens</b>		
Light naphthenic distillate (petroleum) (CAS 64741-52-2)	Known To Be Human Carcinogen.	
<b>Reproductive toxicity</b>	Suspected of damaging fertility. Suspected of damaging the unborn child.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure: Adrenal glands. Bone marrow. Liver. Lymph node. Kidney. Stomach. Thymus.	
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful.	
<b>Further information</b>	Symptoms may be delayed.	

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulative potential</b>	Not available.	
<b>Partition coefficient n-octanol / water (log Kow)</b>		
Methyl isobutyl carbinol (CAS 108-11-2)	1.43	
<b>Mobility in soil</b>	Not available.	
<b>Other adverse effects</b>	Not available.	

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not incinerate sealed containers. Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 °F
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Offer rinsed packaging material to local recycling facilities.

## 14. Transport information

<b>DOT</b>		
<b>UN number</b>	UN1993	
<b>UN proper shipping name</b>	Flammable liquids, n.o.s. (Light naphthenic distillate (petroleum), Methyl isobutyl carbinol)	
<b>Transport hazard class(es)</b>		
<b>Class</b>	3	
<b>Subsidiary risk</b>	-	
<b>Packing group</b>	III	
<b>Environmental hazards</b>		
<b>Marine pollutant</b>	No	
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.	

<b>Special provisions</b>	B1, B52, IB3, T4, TP1, TP29
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	242

#### IATA

<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquid, n.o.s. (Light naphthenic distillate (petroleum), Methyl isobutyl carbinol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	No
<b>ERG Code</b>	3L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

#### IMDG

<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquids, n.o.s. (Light naphthenic distillate (petroleum), Light naphthenic distillate (petroleum))
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	F-E, S-E
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 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.

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

Not listed.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

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

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

#### SARA 313 (TRI reporting)

Not regulated.

#### 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.

**Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)** Hazardous substance**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.**US. Massachusetts RTK - Substance List**Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)  
Light naphthenic distillate (petroleum) (CAS 64741-52-2)  
Methyl isobutyl carbinol (CAS 108-11-2)**US. New Jersey Worker and Community Right-to-Know Act**

Methyl isobutyl carbinol (CAS 108-11-2)

**US. Pennsylvania Worker and Community Right-to-Know Law**Light naphthenic distillate (petroleum) (CAS 64741-52-2)  
Methyl isobutyl carbinol (CAS 108-11-2)  
Oleic acid (CAS 112-80-1)**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65****US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

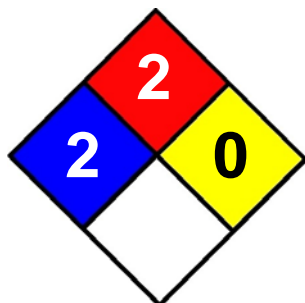
Not listed.

**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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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** 05-May-2014**Revision date** -**Version #** 01**NFPA Ratings**



**References**

C&L Inventory database.  
HSDB® - Hazardous Substances Data Bank  
Registry of Toxic Effects of Chemical Substances (RTECS)

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.