

SAFETY DATA SHEET

1. Identification

Product identifier	WHITE CHALK PAINT AEROSOL		
Other means of identification			
Product Code	08670 106492 713		
Recommended use	Not available.		
Manufacturer/Importer/Supplier/	Distributor information		
Company name	Quest Industrial Products, LLC		
Address	N92 W14701 Anthony Avenue Menomonee Falls, WI 53051 United States		
Telephone Website	General Assistance quest-ip.com	(262) 255-9500	
E-mail	info@quest-ip.com		
Emergency phone number	Chemtrec Phone	800-424-9300	

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Danger	
Hazard statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness.	
Precautionary statement		
Prevention	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection.	
Response	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. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.	
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Hazard(s) not otherwise classified (HNOC)	None known.	
Supplemental information	None.	

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
CALCIUM CARBONATE		1317-65-3	30 to <40
DIMETHYL ETHER		115-10-6	20 to <30
ISOPROPANOL		67-63-0	10 to <20
Other components below reporta	ble levels		20 to <30

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

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Wash off with soap and water. Get medical 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. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.
6 Accidental release mea	

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. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. 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. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until spraved surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame. sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Conditions for safe storage, Level 1 Aerosol. including any incompatibilities Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may

exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an ope flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Туре	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
ISOPROPANOL (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
US. ACGIH Threshold Limit Value	S		
Components	Туре	Value	
ISOPROPANOL (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
ISOPROPANOL (CAS 67-63-0)	STEL	1225 mg/m3	
,		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
US. Workplace Environmental Exp	oosure Level (WEEL) Guides		
Components	Туре	Value	
	T) \ / A	1880 mg/m3	
	TWA	1000 mg/mo	
DIMETHYL ETHER (CAS 115-10-6)	TWA	1000 ppm	

Biological limit values ACGIH Biological Expos	ure Indices			
Components	Value	Determinant	Specimen	Sampling Time
ISOPROPANOL (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
 For sampling details, p 	lease see the source	document.		
Appropriate engineering controls	should be matc or other engine	hed to conditions. If ap ering controls to mainta have not been establis	plicable, use pro ain airborne leve	nour) should be used. Ventilation rates cess enclosures, local exhaust ventilation, ls below recommended exposure limits. If rborne levels to an acceptable level. Provide
Individual protection measu	res, such as persona	al protective equipme	ent	
Eye/face protection	Wear safety gla	sses with side shields	(or goggles).	
Skin protection Hand protection	For prolonged c	or repeated skin contac	t use suitable pr	otective gloves.
Other	Wear suitable p	rotective clothing.		
Respiratory protection	If permissible le air-supplied res		e NIOSH mechar	nical filter / organic vapor cartridge or an
Thermal hazards	Wear appropria	te thermal protective c	lothing, when ne	cessary.
General hygiene considerations	after handling th		eating, drinking,	onal hygiene measures, such as washing and/or smoking. Routinely wash work ants.

9. Physical and chemical properties

Physical state	Liquid.
Form	Aerosol. Liquefied gas.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-222.7 °F (-141.5 °C) estimated
Initial boiling point and boiling range	-12.68 °F (-24.82 °C) estimated
Flash point	-42.0 °F (-41.1 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	2.5 % estimated
Flammability limit - upper (%)	27 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	2622.25 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	662 °F (350 °C) estimated
Decomposition temperature	Not available.

Viscosity	Not available.
Other information	
Density	8.57 lbs/gal
Explosive properties	Not explosive.
Flammability class	Flammable IA estimated
Heat of combustion (NFPA 30B)	11.29 kJ/g estimated
Oxidizing properties	Not oxidizing.
Percent volatile	64.95
Specific gravity	1.03
VOC	4.75 lbs/gal Regulatory 569.48 g/l Regulatory 3.68 lbs/gal Material 440.55 g/l Material

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Isocyanates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.

Information on toxicological effects

Acute toxicity	Narcotic effects.	
Components	Species	Test Results
DIMETHYL ETHER (CAS	6 115-10-6)	
Acute		
Inhalation		
LC50	Mouse	494 ppm, 15 Minutes
		386 ppm, 30 Minutes
	Rat	308.5 mg/l, 4 Hours
ISOPROPANOL (CAS 67	-63-0)	
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg
Oral		
LD50	Mouse	3600 mg/kg
	Rabbit	5.03 g/kg

Components	Species	1	est Results
	Rat	4	.7 g/kg
* Estimates for product may b	e based on additional component	data not shown.	
Skin corrosion/irritation	Prolonged skin contact may cau		
Serious eye damage/eye rritation	Causes serious eye irritation.		
Respiratory or skin sensitizatior	1		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	This product is not expected to	cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate promutagenic or genotoxic.	oduct or any component	s present at greater than 0.1% are
Carcinogenicity	This product is not considered t	o be a carcinogen by IA	RC, ACGIH, NTP, or OSHA.
Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pro	Evaluation of Carcinogenicity d Substances (29 CFR 1910.100 ogram (NTP) Report on Carcino		
Not listed.	This product is not expected to	causa raproductiva or de	puelenmental effects
Reproductive toxicity Specific target organ toxicity - single exposure	This product is not expected to May cause drowsiness and dizz		
Single exposure Specific target organ toxicity - repeated exposure	Not classified.		
Aspiration hazard	Not an aspiration hazard.		
Chronic effects	Prolonged inhalation may be ha	armful	
	r tolonged initialation may be ha		
12. Ecological information	1		
Ecotoxicity			bus. However, this does not exclude the ul or damaging effect on the environment.
Components	Species		Test Results
ISOPROPANOL (CAS 67-63-	0)		
Aquatic			
Fish	LC50 Bluegill (Lepom	is macrochirus)	> 1400 mg/l, 96 hours
* Estimates for product may b Persistence and degradability Bioaccumulative potential	e based on additional component No data is available on the deg		
Partition coefficient n-octan	ol / water (log Kow)		
DIMETHYL ETHER ISOPROPANOL		0.1 0.05	
Mobility in soil	No data available.		
Other adverse effects	No other adverse environmenta potential, endocrine disruption,	al effects (e.g. ozone dep global warming potentia	letion, photochemical ozone creation) are expected from this component.
13. Disposal consideration	าร		
Disposal instructions	Collect and reclaim or dispose i	e, incinerate or crush. D	censed waste disposal site. Contents ispose of contents/container in accordanc
Local disposal regulations	Dispose in accordance with all	applicable regulations.	
Hazardous waste code	The waste code should be assign disposal company.	gned in discussion betwe	een the user, the producer and the waste
Waste from residues / unused			containers or liners may retain some

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

DOT	
UN number	UN1950
UN proper shipping name	UN1950, Aerosols, Flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, Flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	Allering
Cargo aircraft only	Allowed.
IMDG	101/050
UN number	UN1950
UN proper shipping name	Aerosols, Flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and the IBC Code	
DOT	





General information

Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations.

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.

CERCLA Hazardous Substance List (40 CFR 302.4)

DIMETHYL ETHER (CAS 115-10-6)	Listed.
ISOPROPANOL (CA	S 67-63-0)	Listed.
SARA 304 Emergency re	elease notification	
Not regulated.		
OSHA Specifically Regu	lated Substances (29 Cl	FR 1910.1001-1050)
Not regulated.		
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard -	Yes

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
ISOPROPANOL	67-63-0	10 to <20

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)

DIMETHYL ETHER (CAS 115-10-6)

Safe Drinking Water Act Not regulated.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ISOPROPANOL (CAS 67-63-0)

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

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

Low priority

ISOPROPANOL (CAS 67-63-0)

US. Massachusetts RTK - Substance List

CALCIUM CARBONATE (CAS 1317-65-3) DIMETHYL ETHER (CAS 115-10-6) ISOPROPANOL (CAS 67-63-0)

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

CALCIUM CARBONATE (CAS 1317-65-3) DIMETHYL ETHER (CAS 115-10-6) ISOPROPANOL (CAS 67-63-0)

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

CALCIUM CARBONATE (CAS 1317-65-3) DIMETHYL ETHER (CAS 115-10-6) ISOPROPANOL (CAS 67-63-0)

US. Rhode Island RTK

DIMETHYL ETHER (CAS 115-10-6) ISOPROPANOL (CAS 67-63-0)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

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

SILICA, CRYSTALLINE QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date	04-20-2015
Revision date	04-25-2019
Version #	07
HMIS® ratings	Health: 2 Flammability: 4 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 4 Instability: 0
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Hazard(s) identification: Hazard statement Hazard(s) identification: GHS Signal Words Fire-fighting measures: General fire hazards Exposure controls/personal protection: Respiratory protection Stability and reactivity: Possibility of hazardous reactions Other information, including date of preparation or last revision: Disclaimer