

Dust X

MSDS Number: A75F

Revision Date: 5/5/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Name: Dust X
Revision Date: 5/5/2015
MSDS Number: A75F
Product Code: A75
Product Use: Dust Mop/Dust Cloth Treatment

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, skin absorption, eye, inhalation
Target Organs: NA
Inhalation: Not available.
Skin Contact: No adverse effects due to skin contact are expected.
Eye Contact: May cause temporary irritation.
Ingestion: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

PERSONAL PROTECTION INDEX									
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F						X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions		
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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1
Health, Aspiration hazard, 1

GHS Phrases:

H222 - Extremely flammable aerosol
H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.
P302 - IF ON SKIN: Wash with plenty of water. Get medical attention immediately.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P315 - Get immediate medical advice/attention.
P304 - IF INHALED: Move to fresh air. Get medical attention if symptoms persist.
P405 - Store locked up.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
64742-47-8	Distillates, petroleum, hydrotreated light	60-80%	NA	NA	D
74-98-6	Propane	10-20%	1000	NA	D
8042-47-5	white mineral oil	10-20%	100	100	D
	Other components below reportable levels	2.5-10%			

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FIRST AID MEASURES

Inhalation:	Move to fresh air. Get medical attention if symptoms persist.
Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Get medical attention if irritation develops and persists.
Ingestion:	Call a physician or poison control center immediately. Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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FIRE FIGHTING MEASURES

Flammability: Extremely Flammable Aerosol
Flash Point: -156 Deg F (-104.4 Deg C) Propellant estimated
Autoignition Temp: 439.95 F (226.64 C) estimated

Extinguishing media: Alcohol resistant foam. Water fog. Dry chemicals, Carbon dioxide (CO₂). Dry chemical powder, carbon dioxide.

Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. 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.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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ACCIDENTAL RELEASE MEASURES

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. 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.

Refer to attached safety data sheets and/or instructions for use. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. 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.

Never return spills in original container for re-use. Avoid discharge into drains, water courses or onto the ground.

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HANDLING AND STORAGE

Handling Precautions:

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 sprayed 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. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid prolonged or repeated contact with skin. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Level 3 Aerosol

Storage Requirements:

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. 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 cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

Level 3 aerosol.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

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.

Personal Protective Equip:

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Protective gloves: Wear appropriate chemical resistant gloves.

Eye protection: Face shield is recommended. Wear safety glasses with side shields (or goggles).

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Avoid contact with skin. 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.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Aerosol

Physical State:

Gas

Spec Grav./Density:

(H2O=1): 0.748 estimated

Boiling Point:

107.26 F (41.81 C) estimated

Flammability:

Extremely Flammable

Vapor Pressure:

35-50 psig @ 20 C estimated

Odor:

Not available

Flash Point:

-156 Deg F (-104.4 Deg C) Propellant estim

VOC:

16.30%

Auto-Ignition Temp:

439.95 F (226.64 C) estimated

UFL/LFL:

8.5%/0.7%

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STABILITY AND REACTIVITY

- Stability:** Stable and non-reactive under normal conditions of use, storage and transport.
- Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
- Materials to Avoid:** Strong oxidizing agents. Nitrates. Flourine. Chlorine.
- Hazardous Decomposition:** No hazardous decomposition products are known.
- Hazardous Polymerization:** Does not occur.

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TOXICOLOGICAL INFORMATION

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

Inhalation Not available.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Direct contact with eyes may cause temporary irritation.

If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

Acute toxicity: May be fatal if swallowed and enters airways. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Data summary for the components are as follows:

Distillates, petroleum,Hydrotreated light (CAS 64742-47-8)

Acute

- Dermal** LD 50 >2000 mg/kg (Rabbit)
LD50 >2000 mg/kg, 24 hrs (Rabbit)
- Inhalation** LC50 >7.5 mg/l , 6 hrs (Rat)
LC50 >4.6 mg/l, 4 hrs (Rat)
- Oral** LD50 >5000 mg/kg (Rat)

Propane (CAS 74-98-6)

Acute

- Inhalation** LC50 1237 mg/l, 120 mins. (Mouse)
LC50 52%, 120 minutes (Mouse)
LC50 1355 mg/l (Rat)
LC50 658 mg/l, 4h (Rat)

white mineral oil (CAS 8042-47-5)

Acute

- Dermal** LD50 >2000 mg/kg, 24 hrs (Rabbit)
- Inhalation** LC50 2.18 mg/l, 4 hrs (Rat)
- Oral** LD50 5000.0001 mg/kg (Rat)

Prolonged skin contact may cause temporary irritation.

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Direct contact with eyes may cause temporary irritation.

This product is not a respiratory sensitizer.

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 mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC,ACGIH, NTP, or OSHA.

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

May be fatal if swallowed and enters airways.

Prolonged or repeated contact may cause drying, cracking, or irritation.

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ECOLOGICAL INFORMATION

Ecotoxicity

This 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.

Data summary for the components are as follows:

Components:

Distillates, petroleum,Hydrotreated light (CAS 64742-47-8)

Aquatic

Fish LC50 2.9 mg/l, 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

White mineral oil (CAS 8042-47-5)

Aquatic

Fish LC50 10000.0001, 96 hrs Fish

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Propane 2.36

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. 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).

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. Do not re-use empty containers.

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TRANSPORT INFORMATION

DOT

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
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

IATA

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	Forbidden.
Aircraft	
Cargo aircraft only	Forbidden.
Packaging exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable
Environmental hazards	
Marine pollutant	No
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code	Not applicable.

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Distillates, petroleum, hydrotreated light (64742478 60-80%) TSCA

*Propane (74986 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*White mineral oil, petroleum (8042475 10-20%) TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined