



Material Safety Data Sheet(MSDS)

Report No.: G141107B90EN

Date: Nov. 10th, 2014

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDER TAKING

Product Identifier DUSTLESS CHALK	
Product Model 084831/084832/084833/084834	
THE CHENILLE KRAFT COMPANY	
65 AMBROGIO DR.	
GURNEE, IL 60031	EMERGENCY NUMBER: 1-800-222-1222
TEL: 1-800-621-1261	NATIONAL POISON CONTROL CENTER

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients(specific)	Value (%)	CAS No.	LD50 of Ingredient (specify species and route)
Calcium carbonate	60.0	471-34-1	LD50 Oral - rat - 6.450 mg/kg
Talcum powder	24.0	14807-96-8	--
Bentonite	14.0	1302-78-9	LD50 Intravenous - rat - 35 mg/kg
C.I.pigment yellow 1	0 - 5.0	2512-29-0	LD50 Oral - rat - > 10,000 mg/kg LD50 Dermal - rat - > 2,000 mg/kg
C.I pigment blue 15	0 - 5.0	147-14-8	LD50 Oral - rat - male and female - > 2,000mg/kg LD50 Dermal - rat - male - > 5,000 mg/kg
C.I. Pigment Red 21	0 - 2.0	6410-26-0	--
C.I. pigment red 48:3	0 - 3.0	15782-05-5	LD50/oral/rat - ≥ 5000 mg/kg
C.I. Pigment green 7	0 - 5.0	1328-53-6	LD50 oral - rat - > 3000 mg/kg
C.I. Food brown 1	0 - 5.0	8062-14-4	--
2-Naphthalenecarboxamide	0 - 5.0	21889-27-0	--
Pigment violet 14	0 - 5.0	10101-56-1	--

3. HAZARDS IDENTIFICATION

Route of Entry	☒ Skin contact	☐ Skin Absorption	☒ Eye Contact	☒ Inhalation	☒ Ingestion
Emergency Overview Harmful if inhaled. May cause respiratory irritation.					
WHMIS Symbols Not controlled under WHMIS.					
Potential Health Effects Harmful by inhalation. Irritating to respiratory system.					

4. FIRST AID MEASURES

Skin contact
Wash off with soap and plenty of water.

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Eye contact

Flush eyes with water as a precaution.

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable ☐ yes ☒ No		If yes, under which conditions?
Means of Extinction Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.		
Flashpoint(°C) and Method No data available.	Upper Flammable Limit(% by volume) No data available.	Lower Flammable Limit(% by volume) No data available.
Autoignition Temperature(°C) No data available.	Explosion Data-Sensitivity to Impact No data available.	Explosion Data-Sensitivity to Static Discharge Risks of explosion of the product in presence of static discharge: No data available.
Hazardous Combustion Products Magnesium oxide, Silicon oxides, Aluminum oxide, Nitrogen oxides(NOx), Copper oxides.		
[NFPA] No data available.		

6. ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Do not let product enter drains.

7. HANDLING AND STORAGE

Handling Procedures and Equipment

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage Requirements

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	☐ ACGIH TLV	☐ OSHA PEL	☒ Other(specify)
Specific Engineering Controls(such as ventilation, enclosed process) Maintain good ventilation.			
Personal Protective Equipment ☒ Gloves ☒ Respirator ☒ Eye ☐ Footwear ☒ Clothing ☐ Other			

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If checked, please specify type

Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US).

Body: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Skin: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95(US) or type P1(EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH(US) or CEN(EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid:	Odour and Appearance Odourless/ Cylinder / White, Red, Vermilion, Yellow, Blue, Green, Orange, Purple, Brown	Odour Threshold(ppm) No data available.
Specific Gravity(water=1) No data available.	Vapour density(air=1) No data available.	Vapour pressure(mmHg) No data available.
Evaporation rate No data available.	Boiling point(°C) No data available.	Freezing Point(°C) No data available.
pH No data available.	Coefficient of water/Oil Distribution No data available.	Solubility in Water No data available.

10. STABILITY AND REACTIVITY

Chemical Stability ☒ yes ☐ No	If no, under which conditions?
Incompatibility with other substances ☒ yes ☐ No	If yes, which ones? Strong oxidizing agents, Acids, Magnesium, Aluminium.
Reactivity, and under what conditions? No data available.	
Hazardous decomposition products No data available.	

11. TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: CAS No. 471-34-1: LD50 Oral - rat - 6.450 mg/kg. CAS No. 1302-78-9: LD50 Intravenous - rat - 35 mg/kg. CAS No. 2512-29-0: LD50 Oral - rat - > 10.000 mg/kg LD50 Dermal - rat - > 2.000 mg/kg. CAS No. 147-14-8: LD50 Oral - rat - male and female - > 2.000 mg/kg LD50 Dermal - rat - male - > 5.000 mg/kg. CAS No. 15782-05-5: LD50 oral - rat - ≥ 5000 mg/kg CAS No. 1328-53-6: LD50 oral - at - > 3000 mg/kg
Effects of Chronic Exposure: No data available.
Irritancy of Product No data available.

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Skin Sensitization CAS No. 471-34-1: Skin - rabbit Result: No skin irritation CAS No. 14807-96-6: Skin - Human Result: Mild skin irritation - 3 h CAS No. 2512-29-0: Skin - rabbit Result: No skin irritation CAS No. 147-14-8: Skin - rabbit Result: No skin irritation - 4 h	Respiratory Sensitization No data available.
Carcinogenicity-IARC No data available.	Carcinogenicity-ACGIH No data available.
Reproductive Toxicity No data available.	Mutagenicity No data available.
Name of Synergistic Products/Effects No data available.	

12. ECOLOGICAL INFORMATION

Aquatic Toxicity CAS No. 1302-78-9: Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 19,000 mg/l - 96 h CAS No. 1328-53-6: Toxicity to fish LC50 - > 250 mg/l Toxicity to daphnia EC50: > 500 mg/kg - 24 h CAS No. 147-14-8: Toxicity to fish mortality LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h mortality LC50 - Cyprinus carpio (Carp) - > 100 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h Toxicity to algae static test EC50 - Desmodesmus subspicatus (green algae) - > 100 mg/l - 72 h Toxicity to bacteria respiration inhibition EC50 - Sludge Treatment - > 10,000 mg/l - 3 h
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13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

Special Shipping Information:	PIN1 No data available.
TDG No data available.	DOT No data available.
IMO No data available.	ICAO No data available.

15. REGULATORY INFORMATION

WHMIS Classification No information available.	OSHA No information available.
SERA No information available.	TSCA No information available.

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16. OTHER INFORMATION

Label Requirements No information available.

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End of document

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