

MATERIAL SAFETY DATA SHEET

KUUS INC.

KNOCK DOWN ANT ATTACK DIATOMACEOUS EARTH 200g

Effective Date: April 5th, 2017

1. MATERIAL IDENTIFICATION AND USE

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|------------------------------|---|
| MANUFACTURER'S NAME | KUUS INC. |
| MANUFACTURER'S ADDRESS | 450 TAPSCOTT ROAD, UNIT 5 & 6 SCARBOROUGH, ONTARIO M1B 1Y4 |
| MANUFACTURER'S TELEPHONE NO. | 1-800-267-0455 |
| SUPPLIER IDENTIFIER | AS MANUFACTURER |
| SUPPLIER'S ADDRESS | AS MANUFACTURER |
| SUPPLIER'S TELEPHONE NO. | AS MANUFACTURER |
| PRODUCT IDENTIFIER | KNOCK DOWN DIATOMACEOUS EARTH FORMULA: DOMESTIC |
| PRODUCT CODE | KD165D |
| PRODUCT USE | DUST INSECTICIDE |

2. INGREDIENTS OF MATERIALS

| INGREDIENTS | PERCENTAGE (%) | CAS NUMBER: | LD50(species/route) | LC50(species/route) |
|--------------------------------|----------------|-------------|---------------------|---------------------|
| Diatomaceous Earth, Natural | 95-100 | 61790-53-2 | >1g/kg (RAT/DERMAL) | |
| Crystalline Silica (Quartz) | <1 | 14808-60-7 | | |

3. PHYSICAL DATA FOR PRODUCT

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|----------------------------|------------------------------------|
| PHYSICAL STATE | POWDER |
| ODOUR AND APPEARANCE | NO ODOUR, BUFF TO OFF WHITE POWDER |
| SPECIFIC GRAVITY (Water=1) | 2.3 |
| VAPOUR DENSITY (Air=1) | N/A |
| SOLUBILITY IN WATER (20°C) | <2% |
| MELTING POINT | >1300°C |

Ph (10% SUSPENSION)

6-8

3. PHYSICAL DATA FOR PRODUCT CONT'D

| | |
|-----------------------------|------|
| BOILING POINT | N/A |
| VAPOR PRESSURE | N/A |
| EVAPORATION RATE (Xylene=1) | N/A |
| FREEZING POINT | N/A |
| % VOLATILE | NONE |

4. FIRE AND EXPLOSION HAZARD OF PRODUCT

| | |
|------------------------------------|---------|
| EXTINGUISHING MEDIA | NONE |
| FLASHPOINT | NONE |
| SPECIAL PROCEDURES | NONE |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | NONE |
| THRESHOLD LIMIT VALUE | 10MG/M3 |

5. REACTIVITY DATA

| | |
|------------------------|-------------------|
| CHEMICAL STABILITY | STABLE |
| INCOMPATIBLE MATERIALS | HYDROFLUORIC ACID |

6. TOXICOLOGICAL PROPERTIES OF PRODUCT

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY

| | |
|-------------|-----|
| EYE CONTACT | YES |
|-------------|-----|

| | |
|---------------------------|---|
| ACUTE EFFECTS – INGESTION | INGESTION OF SMALL TO MODERATE QUANTITIES IS NOT CONSIDERED HARMFUL, BUT MAY CAUSE IRRITATION OF THE MOUTH, THROAT AND STOMACH. |
|---------------------------|---|

| | |
|------------------------------|---|
| ACUTE EFFECTS – SKIN CONTACT | NOT ABSORBED BY THE SKIN, BUT MAY CAUSE DRYNESS PROLONGED EXPOSURE. |
|------------------------------|---|

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|----------------------------|--|
| ACUTE EFFECTS – INHALATION | ACUTE INHALATION CAN CAUSE DRYNESS OF THE NASAL PASSAGE AND LUNG CONGESTION, COUGHING AND GENERAL THROAT IRRITATION. CHRONIC INHALATION OF DUST SHOULD BE AVOIDED. |
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ACUTE EFFECTS – EYE

MAY CAUSE IRRITATION (TEAR FORMATION AND REDNESS) IF DUST GETS IN EYES.

LONG TERM EFFECTS OF EXPOSURE

EFFECTS OF CHRONIC EXPOSURE

WHEN INHALED AS RESPIRABLE DUST, HAS BEEN CLASSIFIED AS CARCINOGENIC TO HUMANS OVER PROLONGED AND SUSTAINED EXPOSURE.

7. PREVENTIVE MEASURES

CONDITIONS UNDER WHICH PPE REQ'D

NORMAL WORK CONDITIONS

EYE PROTECTION REQUIREMENTS

WEAR SAFETY GOGGLES

GLOVE REQUIREMENTS

NOT NORMALLY REQUIRED

CLOTHING REQUIREMENTS

NOT NORMALLY REQUIRED

RESPIRATOR REQUIREMENTS

APPROVED DUST RESPIRATORS FOR EXPOSURE TO POTENTIALLY HIGH DUST ENVIRONMENT.

ENGINEERING CONTROLS REQUIRED

LOCAL EXHAUST VENTILATION RECOMMENDED

SPILL AND LEAK PROCEDURES

IF MATERIAL IS RELEASED OR SPILLED, VACUUM CLEAN OR WET SWEEP SPILLAGE.

WASTE DISPOSAL METHODS

WASTE SHOULD BE DISPOSED OF IN CLOSED CONTAINERS TO PREVENT DUST. PRODUCT IS NOT CONSIDERED A HAZARDOUS WASTE UNDER RGRA (40 GFR PART 261).

HANDLING/STORAGE

MINIMIZE DUST GENERATION. AVOID CONTACT WITH EYES. AVOID BREATHING DUST. REPAIR OR DISPOSE OF BROKEN BAGS. STORE IN A DRY PLACE TO MAINTAIN PACKAGING INTEGRITY AND PRODUCT QUALITY. DO NOT STORE NEAR HYDROFLUORIC ACID. OBSERVE ALL LABEL PRECAUTIONS AND WARNINGS.

8. FIRST AID MEASURES

INGESTION

DRINK GENEROUS AMOUNTS OF WATER TO REDUCE BULK DRYING EFFECTS.

SKIN CONTACT

USE MOISTURE RENEWING LOTIONS IF DRYNESS OCCURS.

INHALATION

REMOVE TO FRESH AIR. BLOW NOSE TO EVACUATE DUST.

EYE

FLUSH EYES WITH GENEROUS QUANTITIES OF WATER OR EYE RINSE SOLUTION. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

9. REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION

NOT REGULATED BY WHMIS.

CEPA (Canadian Environmental Protection Act)

ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH
HMIS RATING FLAMMABILITY
NFPA CODE
SARA 313 INFORMATION

0 MINIMAL HAZARD
0 MINIMAL HAZARD
N/A.
N/A.
CAS #: CHEMICAL NAME: .
61790-53-2 DIATOMACEOUS EARTH, Natural
N/A

TSCA (Toxic Substances Control Act)

10. TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION N/A
D.O.T. CLASSIFICATION 55 (no restrictions)

11. PREPARATION DATE OF MATERIAL SAFETY DATA SHEET

PREPARED BY KUUS INC.
TELEPHONE NUMBER OF PREPARER 1-800-267-0455
DATE PREPARED **April 5th, 2017**

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