

SAFETY DATA SHEET (SDS)

1 - IDENTIFICATION

MANUFACTURER: DANA CHEMICALS INC.
3532 GRIFFITH
ST-LAURENT, QUEBEC, CANADA H4T 1A7

PRODUCT NAME: **DP-175**
PRODUCT USE: Concentrated powder degreaser
ISSUE DATE: 01-23-2018
REVISION DATE: 01-23-2018

CAS #: N/A (mixture)

2 – HAZARD IDENTIFICATION



WARNING

Harmful if swallowed.
Causes severe skin burns and eye damage.

EYE CONTACT: Corrosive. Causes burns and damage.
SKIN CONTACT: May cause irritation and burns.
INHALATION: May cause irritation and burns to respiratory tract.
INGESTION: Corrosive. Harmful or fatal if swallowed.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Identity</u>	<u>% Concentration</u>
Sodium Metasilicate (CAS 6834-92-0)	5-40

4 – FIRST-AID MEASURES

EYES: Immediately flush with plenty of water for at least 15 minutes while keeping eyelids apart. Consult a physician immediately.

SKIN: Remove contaminated clothing. Immediately flush affected area with soap and water for at least 15 minutes.

INHALATION: Move victim to fresh air.

INGESTION: Give water or milk. Do not induce vomiting. Consult a physician immediately.

5 – FIRE-FIGHTING MEASURES

FLASH POINT AND METHOD DEG.C: N/A

AUTO-IGNITION TEMPERATURE DEG.C: N/A

FLAMMABLE LIMITS (% IN AIR): N/A

FIRE & EXPLOSION HAZARDS: N/A

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH-approved self-contained breathing apparatus.

6 – ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Wear necessary protective clothing. Sweep into containers while avoiding dust generation.

7 – HANDLING AND STORAGE

STORAGE REQUIREMENTS: Do not get in eyes. Store in a cool, dry and well-ventilated area. Keep containers tightly closed. Store away from incompatible materials and sunlight.

HANDLING PROCEDURES: Avoid breathing vapours and prolonged and repeated contact with the skin. Empty containers may contain product residues and should be commercially cleaned before reuse.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Chemical-resistant goggles.

PROTECTIVE CLOTHING: Rubber gloves where contact is likely.

RESPIRATORY PROTECTION: Use approved dust respirator where dust occurs.

VENTILATION: Use with adequate ventilation.

PROTECTIVE EQUIPMENT: Maintain eyewash fountain nearby.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Free flowing granulated powder
ODOUR	Orange, Pine scent
ODOUR THRESHOLD	-
PH OF 1% SOLUTION	11.8 – 12.5
MELTING POINT AND FREEZING POINT	-
INITIAL BOILING POINT AND BOILING RANGE	N/A
FLASH POINT	-
EVAPORATION RATE (BUTYL ACETATE =1)	N/A
FLAMMABILITY	N/A
UPPER AND LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not determined
VAPOUR PRESSURE	N/A
VAPOUR DENSITY	>1
RELATIVE DENSITY (WATER = 1)	0.96 – 0.99 (at 20°C)
SOLUBILITY (IN WATER)	100%
PARTITION COEFFICIENT -- N-OCTANOL/WATER	-
AUTO-IGNITION TEMPERATURE	-
DECOMPOSITION TEMPERATURE	-
VISCOSITY	-

10 – STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Metals such as aluminium, tin, lead, zinc. Concentrated acids.

HAZARDOUS DECOMPOSITION: Hydrogen

HAZARDOUS POLYMERIZATION: None

11 – TOXICOLOGICAL INFORMATION

<u>Chemical Identity</u>	<u>LD50/LC50/T.L.V</u>
Sodium Metasilicate (CAS 6834-92-0)	LD50=847mg/kg(ORAL-RAT)

SENSITIZATION: Not available.

CHRONIC EFFECTS: Hazardous by WHMIS criteria. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No data available

PERSISTENCE AND DEGRADABILITY: No data available

MOBILITY IN SOIL: No data available

13 – DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES / UNUSED PRODUCTS: Dispose of in accordance with all applicable regulations. Empty containers may retain some product residues. This material and its container must be disposed of as per all applicable regulations.

CONTAMINATED DRUMS OR PAILS: If emptied containers contain product residue, they should be disposed of as per all applicable regulations.

14 – TRANSPORT INFORMATION

TDG CLASSIFICATION: Not regulated

IATA CLASSIFICATION: Not classified

IMDG CLASSIFICATION: Not classified

15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: E, D-2B

WHMIS LABELING:



16 – OTHER INFORMATION

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