

Material Safety Data Sheet

On Target

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: On Target

Norac Concepts Inc.
P.O. Box 31097, Guelph, ON N1H 8K1
519-821-3633

Emergency telephone number: All hours, 613-787-5620, **ONLY** for health and environmental information.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% (w/w)	ACGIH TLV	CAS No.
Hydrotreated petroleum distillate	< 25	No data	Proprietary

Synonyms: None.

Chemical family: Anionic polyacrylamide emulsion.

Product use: Deposition aid / anti-drift agent.

3. HAZARDS IDENTIFICATION

Summary: Hazardous properties of all ingredients have been considered in the preparation of this MSDS. Read the entire MSDS for the complete hazard evaluation of this product.

Physical Properties: White milky liquid with a faint hydrocarbon odour.

Route of entry: Eyes, skin, ingestion and inhalation.

Effects of acute exposure: May cause eye, skin and respiratory tract irritation.

Effects of chronic exposure: None known.

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Call 911 **IMMEDIATELY** for medical assistance. Give artificial respiration **ONLY** if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing AND no pulse.

Skin contact: Remove contaminated clothing immediately. Flush skin with running water for a minimum of 20 minutes. If irritation persists obtain medical attention.

Eye contact: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. If irritation persists obtain medical attention.

Ingestion: Call 911 **IMMEDIATELY** for medical assistance. If person is alert and not convulsing, rinse mouth out and give 1 cup of water to dilute material. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth and administer more water.

Notes to Physician: There is on specific antidote, treat symptomatically

5. FIRE AND EXPLOSION HAZARD DATA

Flash point: >200°F (PMCC).

Autoignition temperature: No data.

Flammable limits (lower): No data.

Flammable limits (upper): No data.

Extinguishing media: Water spray, alcohol foam, dry chemical, CO₂.

Fire fighting procedures: Wear self-contained breathing apparatus and impervious clothing. Minimize the amount of water used and contain the run-off from entering water supplies or the environment by dyking. Water stream may be ineffective. Use water to keep containers cool. Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire.

Other fire and explosion hazards: Combustion of product may produce oxides of carbon and nitrogen and ammonia..

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear personal protective equipment as described in Section 8.

Spills, leaks, or releases: Spilled material should be absorbed onto an inert material and scooped up. The area should be thoroughly flushed with water. If slipperiness remains, apply more dry-sweeping compound.

Caution: Spilled material becomes very slippery when wet.

7. HANDLING AND STORAGE INFORMATION

Handling procedures: To avoid product degradation and equipment corrosion, do not use iron, copper or aluminium containers or equipment. Spilled material becomes very slippery when wet. Do not reuse empty container. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

Storage requirements: Store in cool dry place. Keep in original container tightly closed. Keep out of reach of children and pets.

Storage temperature: Store above 0°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection: Wear chemical goggles or a face shield.

Skin protection: Wear chemical-resistant gloves and coveralls.

Respiratory protection: Not required for normal use.

Other protective equipment: Eye wash and safety shower.

Engineering controls: Normal room ventilation (mechanical) should be satisfactory.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White milky liquid.

Odour: Faint hydrocarbon odour.

Specific gravity: 1.0 (+/- .05).

Boiling point: No data

Melting point: No data.

Solubility (water): Limited by viscosity.

% Volatile (by weight): 65%.

Evaporation rate (ether=1): No data.

Vapour pressure (mm of Hg): Not determined.

Vapour density (air=1): No data.

10. STABILITY AND REACTIVITY DATA

Chemical stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: None known.

Incompatibility with other substances: Strong oxidizing agents. This material slowly reacts with iron, copper and aluminum resulting in corrosion.

Hazardous decomposition products: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, ammonia, hydrogen chloride and/or oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Inhalation: Product is not expected to be harmful if inhaled. Mists may cause respiratory irritation.

Skin contact: Moderate irritation to the skin can occur. LD50 (rabbit) - > 1 mL/Kg

Eye contact: May cause mild eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. LD50 (rat) - > 1 mL/Kg.

Chronic Exposure: None known.

Carcinogenicity: Ethoxylated products may contain residual amount of ethylene oxide (< 1 ppm). Ethylene oxide is suspected of being a human carcinogen and toxic to the reproductive system. Ethylene oxide has been shown to cause tumours in laboratory animals.

12. ECOLOGICAL INFORMATION

Ecotoxicological information: None known.

Environmental effects: Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers. Do not contaminate local water supplies, waterways or environments.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all federal, provincial and local regulations. Do not dispose of waste with normal garbage or to sewer systems.

Container disposal: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

14. TRANSPORT INFORMATION

TDG classification: Not regulated.

Transportation emergency telephone number: 613-787-5620.

15. REGULATORY INFORMATION

WHMIS classification: Not regulated.

16. OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Norac Concepts Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein. This material safety data sheet is valid for three years.

Prepared by: Norac Concepts Inc.