



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Dash Defense

Product codes: B4000CH, B4032CH, B4001CH, B4005CH, B4055CH

Relevant identification uses of the substance and uses advised against:

Identified uses: Vinyl cleaner and tire shine.

Uses advised against: No other uses are advised.

Details of the Supplier of the Safety Data Sheet:

The Berkebile Oil Company

1216 Red Brant Rd

Somerset, PA 15501

+1-(814)-443-1656

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard classes/Hazard categories:

Aquatic chronic, Category 1

Label elements:

Hazard pictogram:



Signal word: Warning.

Hazard statements:

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P391 Collect spillage.



Section 3: Composition/Information on Ingredients

Substance/Mixture: Substance.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Nonylphenol, branched, ethoxylated	68412-54-4	90 - 99%	M=1 M(Chronic)=10	Aquatic Acute 1 H400 Aquatic Chronic 1 H410
	500-209-1			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

General advice: Remove contaminated clothing.

If inhaled: Keep patient calm, remove to fresh air, seek medical attention.

If on skin: Wash thoroughly with soap and water.

If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically (decontamination, vital functions). No specific antidote known.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Water spray, dry powder, foam.

Hazards during fire-fighting: Harmful vapors. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters: Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

Further information: Contaminated extinguishing water must be disposed of in accordance with official regulations.



Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions: Do not discharge into drains/surface waters/groundwater.

Methods for containment and cleaning up:

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

Section 7: Handling and Storage

Precautions for safe handling:

Keep container tightly closed. Protect from the effects of light.

Protection against fire and explosion: No special precautions necessary.

Conditions for safe storage, including incompatibilities:

Store in a cool, dry place.

Suitable materials for containers: High density polyethylene (HDPE).

Specific end uses: Refer to Section 1.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: Does not contain any substances with Occupational Exposure Limits.

Exposure controls:

Appropriate engineering controls: Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Respiratory protection in case of vapor/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2).

Hand protection: Chemical resistant protective gloves.

Eye protection: Tightly fitting safety goggles (chemical goggles) and face shield.

Body protection: Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures: Wearing of closed work clothing is required additionally to the stated personal protection equipment. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Color: White.

Odor: Cherry.

Odor threshold: No data available.

pH: No data available.



Melting point/range (°C): No data available.
Boiling point/range (°C): 354 °C
Flash point (°C): 193 °C
Evaporation rate: No data available.
Flammability: No data available.
Upper/lower flammability limits: No data available.
Vapor pressure (20 °C): 0.043 Pa
Relative density (25 °C): 0.99
Water solubility (g/L) at 20 °C: 4.55 mg/L.
n-Octanol/Water partition coefficient: 5.39
Auto-ignition temperature: 410 °C
Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under recommended conditions of use and storage.
Conditions to avoid: None known.
Incompatible materials: None known.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Information on toxicological effects:
Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: Very toxic to aquatic life with long lasting effects.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: No data available.



Section 13: Disposal Considerations

Product: Dispose in a safe manner in accordance with local/national regulations.

Contaminated packaging: Recycle where possible.

Section 14: Transport Information

UN number: 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class: 9

Packing group: III

Environmental hazards: Marine pollutant

Special precautions for user: Refer to Sections 6 – 8

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Not applicable.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Disclaimer: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.