

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name NYE SYNTHETIC OIL 605
Version # 04
Revision date May-16-2012
CAS # Mixture
Product Code NYE SYNTHETIC OIL 605
Product use Lubricating Oil
Manufacturer information Nye Lubricants, Inc.
 12 Howland Road
 Fairhaven, MA 02719 US
 508-996-6721
 CHEMTREC 1-800-424-9300

2. Hazards Identification

Emergency overview Health injuries are not known or expected under normal use.
OSHA regulatory status This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects
Routes of exposure Not applicable.
Eyes Health injuries are not known or expected under normal use.
Skin Health injuries are not known or expected under normal use.
Inhalation Health injuries are not known or expected under normal use.
Ingestion Health injuries are not known or expected under normal use.
Potential environmental effects May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures
Eye contact Rinse with water. Get medical attention if irritation develops and persists.
Skin contact Get medical attention if irritation develops and persists. Rinse skin with water/shower.
Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flammable properties Not flammable by OSHA criteria. Not combustible by OSHA criteria.
Extinguishing media
Suitable extinguishing media Water Fog.
Unsuitable extinguishing media Water. Do not use water jet as an extinguisher, as this will spread the fire.
Protection of firefighters
Protective equipment and precautions for firefighters Wear suitable protective equipment.
Fire fighting equipment/instructions Move containers from fire area if you can do so without risk.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away.

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Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Methods for cleaning up Should not be released into the environment. Following product recovery, flush area with water.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

7. Handling and Storage

Handling DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid release to the environment. Handle and open container with care.
Storage Keep away from heat, sparks and open flame. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Exposure guidelines Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter. This material does not have established exposure limits.

Personal protective equipment

Eye / face protection Not normally needed.
Skin protection Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection No personal respiratory protective equipment normally required.
General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance Not available.
Form Liquid.
Color clear
Odor Not available.
Flash point 579 °F (304 °C) Cleveland Open Cup
Pour point -65.2 °F (-54 °C)
Other data
Density 1 g/cm³
Kinematic viscosity 54 cSt
Kinematic viscosity temp 104 °F (40 °C)
Shelf life 4 years

10. Chemical Stability & Reactivity Information

Chemical stability Material is stable under normal conditions.
Conditions to avoid Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials Not available.
Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological Information

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Further information This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment.
Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and degradability Not available.

16. Other Information

Further Information

HMIS® ratings

NFPA ratings

Disclaimer

Issue date

This data sheet contains changes from the previous version in section(s):

HMIS® is a registered trade and service mark of the NPCA.

Health: 0
Flammability: 1
Physical hazard: 0

Health: 0
Flammability: 1
Instability: 0

The information in the sheet was written based on the best knowledge and experience currently available.

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13. Disposal Considerations**Disposal Instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information**DOT**

Not regulated as dangerous goods.

15. Regulatory Information**US federal regulations**

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Drug Enforcement Administration (DEA), List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))

Not regulated

DEA Essential Chemical Code Number

Not regulated

Drug Enforcement Administration (DEA), List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated

DEA Exempt Chemical Mixtures Code Number

Not regulated

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

No

Inventory status**Country(s) or region****Inventory name****On inventory (yes/no)***

Australia

Australian Inventory of Chemical Substances (AICS)

Yes

Canada

Domestic Substances List (DSL)

Yes

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (IECSC)

Yes

Europe

European Inventory of Existing Commercial Chemical Substances (EINECS)

No

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Inventory of Existing and New Chemical Substances (ENCS)

No

Korea

Existing Chemicals List (ECL)

Yes

New Zealand

New Zealand Inventory

Yes

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Yes

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

*A "Yes" Indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.