

**Hytrel® RawMtlAO19**

Version 2.0

Revision Date 05/29/2015

Ref. 130000138786

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Hytrel® RawMtlAO19  
Restrictions on use : Do not use product for anything outside of the above specified uses  
Manufacturer/Supplier : Celanese Sales U.S. Ltd.  
222 West Las Colinas Boulevard Suite 900N  
Irving, TX 75039

Telephone : +1-800-441-7515 (outside the U.S. ++1 972-443-4000 E-mail address: HazCom  
E-mail address : 1-800-441-3637 (outside the U.S. 1-302-774-1139)  
Transport Emergency : Domestic NA: 800-424-9300 International, CALL +1 703-527-3887 (collect calls )

**SECTION 2. HAZARDS IDENTIFICATION****Other hazards**

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Concentration
N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide]	69851-61-2	>98%

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

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**SECTION 4. FIRST AID MEASURES**

General advice	: No applicable data available.
Inhalation	: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact	: Wash off with soap and plenty of water.
Eye contact	: Flush eyes with water as a precaution.
Ingestion	: Never give anything by mouth to an unconscious person. Consult a physician.
Most important symptoms/effects, acute and delayed	: No applicable data available.
Protection of first-aiders	: No applicable data available.
Notes to physician	: No applicable data available.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Water mist, Foam, Dry chemical, Carbon dioxide (CO2)
Unsuitable extinguishing media	: No applicable data available.
Specific hazards	: No applicable data available.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.
Further information	: No applicable data available.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

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- Safeguards (Personnel) : Use personal protective equipment. Sweep up to prevent slipping hazard. Remove all sources of ignition. Ensure adequate ventilation.
- Environmental precautions : Prevent product from entering drains.
- Spill Cleanup : Keep in suitable, closed containers for disposal.
- Accidental Release Measures : No applicable data available.

**SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : Open container only in well-ventilated area. Dust can form an explosive mixture in air. Ensure all equipment is electrically grounded before beginning transfer operations. Do not use sparking tools. Minimize the generation and accumulation of dust. Do not breathe dust. Provide appropriate exhaust ventilation at dryers, machinery and at places where dust or volatiles can be generated. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- Handling (Physical Aspects) : Dust may form explosive mixture in air. Avoid dust formation. Use non-sparking tools and grounded/bonded equipment and containers when transferring.
- Dust explosion class : No applicable data available.
- Storage : Store in a cool, dry place. Keep container closed to prevent contamination. Keep away from sources of ignition - No smoking. Keep in an area equipped with sprinklers.
- Storage period : No applicable data available.
- Storage temperature : No applicable data available.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Personal protective equipment
- Respiratory protection : A respiratory protection program that meets country requirements must be followed whenever workplace conditions warrant respirator use. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer. Consult the OSHA respiratory protection information located at

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29CFR 1910.134.

Hand protection : Additional protection: Wear suitable protective gloves.

Eye protection : Goggles, face shield, or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection : Coveralls

Exposure Guidelines  
Exposure Limit Values

Contains no substances with occupational exposure limit values.

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance

Physical state : solid  
Form : powder  
Color : white, off-white

Odor : none

Odor threshold : No applicable data available.

pH : No applicable data available.

Melting point/range : No applicable data available.

Boiling point/boiling range : No applicable data available.

Flash point : No applicable data available.

Evaporation rate : No applicable data available.

Flammability (solid, gas) : No applicable data available.

Upper explosion limit : No applicable data available.

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Lower explosion limit	: No applicable data available.
Vapour Pressure	: No applicable data available.
Vapour density	: No applicable data available.
Specific gravity (Relative density)	: < 1
Water solubility	: No applicable data available.
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.
Auto-ignition temperature	: No applicable data available.
Decomposition temperature	: No applicable data available.
Viscosity, kinematic	: No applicable data available.
Viscosity, dynamic	: No applicable data available.

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No applicable data available.
Chemical stability	: Stable at normal temperatures and storage conditions.
Possibility of hazardous reactions	: No applicable data available.
Conditions to avoid	: No applicable data available.
Incompatible materials	: Strong acids Strong bases, Strong oxidizing agents
Hazardous decomposition products	: Hazardous thermal decomposition products may include: Nitrogen oxides (NOx) , Carbon dioxide , Carbon monoxide

**SECTION 11. TOXICOLOGICAL INFORMATION**

N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide]  
Oral LD50 : > 10,000 mg/kg , Rat

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Skin irritation : No skin irritation, Rabbit

Eye irritation : No eye irritation, Rabbit

**Carcinogenicity**

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

**SECTION 12. ECOLOGICAL INFORMATION****Aquatic Toxicity**

N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide]  
48 h LC50 : Cyprinodontidae (killifish) 40 mg/l

**Environmental Fate**

N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide]  
Biodegradability : 3 % OECD Test Guideline 302  
Not readily biodegradable.

Bioaccumulation : Bioaccumulation is unlikely.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste disposal methods - Product : Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

Contaminated packaging : No applicable data available.

**SECTION 14. TRANSPORT INFORMATION**

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Not classified as dangerous in the meaning of transport regulations.

**SECTION 15. REGULATORY INFORMATION**

TSCA	: In compliance with TSCA Inventory requirements for commercial purposes.
SARA 313 Regulated Chemical(s)	: 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.
PA Right to Know Regulated Chemical(s)	: Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): None known.
NJ Right to Know Regulated Chemical(s)	: Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): None known.
California Prop. 65	: Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

**SECTION 16. OTHER INFORMATION**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.





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**Components:** N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide], CAS No. 69851-61-2

**Supplemental information:** If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

Refer to Safety Data Sheet (SDS) for further information.

DuPont  
974 Centre Road, Wilmington, DE 19805, USA

**Product Information:** +1-800-441-7515 (outside the U.S. ++1 972-443-4000 E-mail address: HazCom@celanese.com)

**Medical Emergency:** 1-800-441-3637 (outside the U.S. 1-302-774-1139)

**Transport Emergency:** Domestic NA: 800-424-9300 International, CALL +1 703-527-3887 (collect calls accepted)

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