

ADVANTAGE PRODUCTS U.S.A.

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Advantage Smooth & Shine

Principal Use: Anti Frizz, Shine

Physical Form: Viscous Gel

Color: no colored

Odor: Fragranced .

NFPA Profile: Health: 1, Flammability : 2 Instability/Reactivity : 0

Advantage Products USA

Miami, Fl 33186

www.advantageproductsusa.com

Only in the event of a transportation emergency involving spills, leaks, fires or accidents, call CHEMTREC at 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME *	CAS NUMBER	% w/w **
Cyclopentasiloxane	541-02-6	A
Cyclotetrasiloxane	69430-24-6	B
Dimethiconol	70131-67-8	D
Phenyl Trimethicone	2116-84-9	E
PEG/PPG-18/18 Dimethicone	N/A	F
Fragrance (Parfum)	N/A	F

(*) CTFA DICTIONARY

(**) FDA-CODE (A= >50%, B= 25-50%, C= 10-25%, D= 5-10%, E= 1-5%, F=0.1-1%, G=<0.1%)

3.- Hazards Identification

Acute Effects

Eye:

Skin:

Potential Effects

Direct contact may cause irritation

No Significant Irritation expected from a single short-term exposure.

Inhalation: No Significant Effects expected from a single short-term exposure.
Oral: No Significant Effects expected from a single short-term exposure.

Prolonged/Repeated Exposure Effects

Skin: Not known at this time.
Inhalation: Overexposure by inhalation may injure reproductive system.
Oral: No known at this time.

Signs and Symptoms of Overexposure

None known

Medical Conditions Aggravated by Exposure

None Known

Carcinogenic Status

None Known

4.- First Aid Measures

First Aid Eyes:

Immediately flush eyes with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 min. Have eyes examined and treated by medical personnel.

First Aid – Skin

No first aid should be needed.

First Aid – Ingestion

No first Aid should be needed.

First Aid – Inhalation

If affected, remove to fresh air.

5.- Fire Fighting Measures

Flash Point and Method

132.8 ° F / 56 ° C (Pensky-Martens Close Cup).

Auto ignition Temperature

752° F / 400 ° C

Explosive Limits

Lower limit: 0.75 % Upper Limit 7.40%

General Hazards

Static electricity will accumulate and might ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge.

Extinguishing Media

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Equipment

Self Contained breathing apparatus with full face piece and protective clothing.

6.-Containment and Cleanup

Remove possible Ignition sources. Determine whether to evacuate or isolate the area

according to your local emergency plan. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Clean up materials from spill with suitable absorbent. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

7.-HANDLING and STORAGE

Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor, mist, dust or fumes. Keep container closed.
 Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks and flame.

8.-EXPOSURE CONTROLS/PERSONNEL PROTECTION

Component Exposure Limits: As per component composition.
 All components are below allowable exposure limits under normal daily use by any adult.

9.-PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
 Hazy Viscuous Liquid.
 ODOUR
 Fragranced
 SOLUBILITY
 Insoluble Soluble in Water

10.- STABILITY AND REACTIVITY.

STABILITY
 Stable under normal temperature conditions and recommended use.
 REACTIVITY
 Hazardous Polymerization will not occur. Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide.

11.- TOXICOLOGICAL INFORMATION

Recent results from a 2 year repeated vapour inhalation exposure study of Octamethylcyclotetrasiloxane (D4) indicate effects (Benign uterine adenomas) in the uterus of female animals. These effects, which have been shown to be rat-specific, occur at the highest exposure dose (700 ppm) only, a level that greatly exceeds typical workplace or consumer exposure. Industrial, commercial, or consumer uses of products containing D4 do not represent a risk to humans.
 Recent results from a 2 year repeated vapour inhalation exposure study of decamethylcyclopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. These effects, which have been shown to be rat-specific, occur at the highest exposure dose (160 ppm) only, a level that greatly exceeds typical workplace or consumer exposure. Industrial, commercial, or consumer uses of products containing D4 do not represent a risk to humans.

Special Hazard Information on Components
Reproductive Effects

Octamethylcyclopentasiloxane (CAS 556-67-2)

	Evidence of reproductive effects in laboratory animals.
12.- ECOLOGICAL INFORMATION	ECOTOXICITY Complete information is not yet available.
13.- DISPOSAL CONSIDERATIONS	Dispose of waste and residues in accordance with local authority requirements.
14.-TRANSPORT INFORMATION	This product is not covered by International Regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
15.-REGULATORY INFORMATION	National Regulations Cosmetic Products (Safety) Regulations
16.-OTHER INFORMATION	REVISION DATE: 11-2009 These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believe to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.