



SAFETY DATA SHEET

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	CARBOWAX SENTRY POLYETHYLENE GLYCOLS
Product number	58700
Synonyms; trade names	CARBOWAX SENTRY POLYETHYLENE GLYCOL 3350 FLAKES, CARBOWAX SENTRY POLYETHYLENE GLYCOL 3350 NF GRANULAR, CARBOWAX SENTRY POLYETHYLENE GLYCOL 3350 NF POWDER, CARBOWAX SENTRY POLYETHYLENE GLYCOL 3350 NF FCC POWDER (INHIBITED); MACROGOL 3350 PH. EUR., CARBOWAX SENTRY POLYETHYLENE GLYCOL 3350 FCC ED 7, CARBOWAX SENTRY POLYETHYLENE GLYCOL 4000 NF, CARBOWAX SENTRY POLYETHYLENE GLYCOL 4000, CARBOWAX SENTRY POLYETHYLENE GLYCOL 4000 POWDER NF FCC (UNINHIBITED); MACROGOL 4000 PH. EUR., CARBOWAX SENTRY POLYETHYLENE GLYCOL 4000 POWDER NF (INHIBITED), CARBOWAX SENTRY POLYETHYLENE GLYCOL 4000 FLAKE INHIBITED, CARBOWAX SENTRY POLYETHYLENE GLYCOL 4600 GRANULAR, CARBOWAX SENTRY POLYETHYLENE GLYCOL 4600 GRANULAR NF FCC GRADE, CARBOWAX SENTRY POLYETHYLENE GLYCOL 6000 NF FLAKE, CARBOWAX SENTRY POLYETHYLENE GLYCOL 8000 NF POWDER, CARBOWAX SENTRY POLYETHYLENE GLYCOL 8000 NF GRANULAR, CARBOWAX SENTRY POLYETHYLENE GLYCOL 8000 NF FLAKES, CARBOWAX SENTRY POLYETHYLENE GLYCOL 1450 NF FLAKES (INHIBITED)
REACH registration notes	Exempt -polymer exempt by Article 2(9)
CAS number	25322-68-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Pharmaceuticals Personal Care In household and cosmetic chemical industry. Chemical Plastics inks Surface coating Adhesive. Lubricant. Ceramics Industrial wood coating.
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1.3. Details of the supplier of the safety data sheet

Supplier	Univar Solutions UK Ltd Aquarius House 6 Mid Point Business Park Bradford BD3 7AY +44 1274 267300 +44 1274 267306 SDS.EMEA@univarsolutions.com
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1.4. Emergency telephone number

Emergency telephone	SGS - +32 (0)3 575 55 55 (24h)
Sds No.	58700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

Dust may form explosive mixture with air. This substance is not classified as PBT or vPvB according to current EU criteria. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name CARBOWAX SENTRY POLYETHYLENE GLYCOLS

REACH registration notes Exempt -polymer exempt by Article 2(9)

CAS number 25322-68-3

Ingredient notes ATE: Acute Toxicity Estimate. Oral > 10000 mg/kg
ATE: Acute Toxicity Estimate. Inhalation > 2.5 mg/l 6 hour
ATE: Acute Toxicity Estimate. Dermal > 20000 mg/kg Dust/Mist

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if any discomfort continues.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact Particles in the eyes may cause irritation and smarting.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Dust may form explosive mixture with air. Take precautionary measures against static discharge. When heated, vapours/gases hazardous to health may be formed. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO). Alcohols. Ethers. Aldehydes.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust and contact with skin and eyes. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid the spillage or runoff entering drains, sewers or watercourses. Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust and contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid handling which leads to dust formation. Take precautionary measures against static discharges. Provide adequate ventilation.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Provide eyewash station and safety shower.

7.2. Conditions for safe storage, including any incompatibilities

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid excessive heat for prolonged periods of time. Keep away from heat, sparks and open flame. Avoid contact with the following materials: Strong acids. Strong alkalis. Strong oxidising agents. Suitable container materials: Stainless steel. Polyethylene-lined mild steel. Polytetrafluoroethylene (PTFE, Teflon).

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments

Observe any occupational exposure limits for the product or ingredients.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Provide eyewash station and safety shower.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The selected gloves should have a breakthrough time of at least 8 hours. Butyl rubber. Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. Polyvinyl alcohol (PVA). Polyvinyl chloride (PVC). Protective gloves should have a minimum thickness of 0.35 mm. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Care should be taken to avoid contact with contaminants when removing contaminated clothing. Wash contaminated clothing before reuse.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. If ventilation is inadequate, suitable respiratory protection must be worn. Particulate filter, type P2. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Powder. Granules. Flakes.

Colour

White.

Odour

Mild.

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Odour threshold	No information available.
pH	pH (diluted solution): 4.5 - 7.5 @ 5%
Melting point	43 - 63°C
Initial boiling point and range	> 200°C @ 760 mm Hg
Flash point	> 200°C Closed cup.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	<0.01 mm Hg @ 20°C
Vapour density	>1
Relative density	1.111 - 1.113 @ 60°C Calculation method.
Bulk density	No information available.
Solubility(ies)	Soluble in water. 63 - 72 % water @ 20°C
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	25 - 900 cSt @ 98.9°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	No information available.
Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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CARBOWAX SENTRY POLYETHYLENE GLYCOLS

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise. Dust may form explosive mixture with air. Containers can burst violently or explode when heated, due to excessive pressure build-up.

10.4. Conditions to avoid

Conditions to avoid Avoid the accumulation of dust. Avoid dust close to ignition sources. Avoid excessive heat for prolonged periods of time. Take precautionary measures against static discharge.
Avoid contact with the following materials: Air.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO). Alcohols. Ethers. Aldehydes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.
LD₅₀ > 10000 mg/kg, Oral, Rat Estimated value.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met. LD₅₀ > 20000 mg/kg, Dermal, Rabbit Read-across data.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ (6h) > 2.5 mg/l, Inhalation, Dust/Mist, Rat (0 Death.) Read-across data.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. Read-across data.
Patch test - Human: Not sensitising. Read-across data.

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties. Read-across data.

Genotoxicity - in vivo This substance has no evidence of mutagenic properties. Read-across data.

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies. Read-across data.

Reproductive toxicity

Reproductive toxicity - fertility No evidence of reproductive toxicity in animal studies. Read-across data.

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Reproductive toxicity - development No evidence of reproductive toxicity in animal studies. Read-across data.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Toxicokinetics

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Inhalation

No significant hazard at normal ambient temperatures. Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion

This product has low toxicity. No harmful effects expected from quantities likely to be ingested by accident. May cause discomfort if swallowed.

Skin contact

Skin irritation should not occur when used as recommended. Prolonged skin contact may cause temporary irritation.

Eye contact

Particles in the eyes may cause irritation and smarting.

SECTION 12: Ecological information

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Toxicity

Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hour: > 100 mg/l, Fish
LC₅₀, 96 hour: > 50000 mg/l, Pimephales promelas (Fat-head Minnow)
OECD 203

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hour: > 20000 mg/l, Daphnia magna

Acute toxicity - microorganisms

EC₅₀, 16 hour: > 5000 mg/l, Activated sludge

12.2. Persistence and degradability

Persistence and degradability

The product is readily biodegradable.

Biodegradation

- Degradation > 80%: 28 day
OECD 301F
Read-across data.
- Degradation 55%: 28 day
OECD 306
Read-across data.

12.3. Bioaccumulative potential

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

CARBOWAX SENTRY POLYETHYLENE GLYCOLS

Classification abbreviations and acronyms	Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Key literature references and sources for data	Supplier's information.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	08/07/2022
Version number	1.001
Supersedes date	29/08/2022
SDS number	58700
SDS status	Approved.
Signature	Jitendra Panchal

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Effective: March 8, 2019

Supersedes: September 28, 2017

CARBOWAX™ SENTRY™ Polyethylene Glycols (PEGs) and Methoxypolyethylene Glycols (MPEGs)

Non-Supported Applications

The Dow Chemical Company (collectively with its subsidiaries, "Dow") has a long history of commitment to the safe and environmentally sound use of chemicals, which we call product stewardship.

Our product stewardship initiatives reinforce our vision of operating safely and effectively in all of our business practices around the world. Our aim is to support our customers, distributors, resellers or other direct product receivers in the following manner:

- Provide applicable health, safety and environmental information.
- Commensurate with product risk, work to foster proper use, handling, recycling, disposal, and transmittal of appropriate information to downstream users.
- Take corrective action when improper practices involving a product are discovered; such as ceasing to do business with those who are unwilling to implement these measures.

Customers play a critical role in this process. This is a shared commitment for minimizing the potential harmful impact throughout all stages of a product's lifecycle. Your actions will improve confidence that products are managed safely throughout their lifecycle and help reduce public concerns as a result of increasing expectations from consumers and regulatory authorities.

Please refer to Dow Food, Pharma & Medical Non-Supported Applications (Attachment 1) as this document identifies applications that are NOT supported by Dow for the referenced products on a go-forward basis, primarily based on:

- Regulations that may restrict the product use.
- Concern for potential inappropriate exposure or contact with the product.
- Dow policies on specific applications.

- The potential for hazardous circumstances to arise.
- Market segments in which Dow has decided not to participate for various reasons, including considerations of potential risk and liability.

Dow will not sample the above noted products for use in unsupported applications and will not knowingly sell these products for use in unsupported applications. Dow will encourage customers to transition to alternative products if possible and will exit sales if necessary.

Attachment 1

NON-SUPPORTED APPLICATIONS

Product Scope:

CARBOWAX™ SENTRY™ Polyethylene Glycols (PEGs)

CARBOWAX™ SENTRY™ Methoxypolyethylene Glycols (MPEGs)

PHARMACEUTIAL/MEDICAL:

Commercial or developmental application intended for:

- Permanent (long term) contact with internal body fluids or internal body tissues. Long term is a use which exceeds 72 continuous hours
- Use in cardiac prosthetic devices regardless of the length of time involved (cardiac prosthetic devices include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems and ventricular bypass assisted devices)
- Use as a critical component in medical devices that support or sustain human life
- Use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction
- Injectable applications including applications following a parenteral route of administration; that is, administered other than through the digestive tract. These could include intradermal, subcutaneous, intramuscular, intravenous, introsseous and intraperitoneal.
- Use in artificial blood products (consistent with Dow's medical policies)
- Use in topical applications used in severely burned patients or individuals with impaired renal function

Dow does not support the use of inhibited grades of CARBOWAX™ SENTRY™ products for Active Pharmaceutical Ingredient (API) purposes.

TOBACCO, TOBACCO PRODUCT and MARIJUANA APPLICATIONS:

With limited exceptions associated with tobacco packaging not intended for consumption and certain agricultural pesticide uses, Dow businesses will not knowingly initiate any sales of any new or existing Dow product to the tobacco industry, directly or indirectly, for use in the production of tobacco, the manufacture of tobacco products, the manufacture of electronic cigarettes, or the manufacture of marijuana products intended for human consumption where the Dow product (or its residues) may be present in the finished product or be alleged to facilitate the delivery of nicotine, other tobacco components or marijuana.

This does not apply to specific therapeutic applications including nicotine gums and lozenges used for smoking cessation support

FOOD, FEED, DIETARY SUPPLEMENT and Other MISCELLANEOUS APPLICATIONS:

All direct and indirect food contact and dietary supplement applications must be formally approved via a local regulation and/or comply with any operative monographs in the country or region of use. CARBOWAX™ SENTRY™ products are not manufactured under current US Food Safety Modernization Act requirements and therefore are not acceptable for food use in the US. Non-supported end uses are:

- Use as a direct food additive (additive added directly into food) or binder, extender, filler or food excipient
- Use in animal feed.
- Use as a dietary supplement or an inactive ingredient in a dietary supplement in the US and EU. Use in dietary supplements in other regions of the world will require confirmation of regulatory approval by the end-user.
- Generation of artificial smoke/theatrical fogs/mists.

CARBOWAX™ SENTRY™ Polyethylene Glycol Grades 300 – 8000 have a number of clearances under Title 21 of the Code of Federal Regulations. It is the responsibility of the user of these products to read and understand all applicable FDA as well as any other applicable regulations. For drug, cosmetic or indirect food applications, use CARBOWAX™ SENTRY™ brand products. Only CARBOWAX™ SENTRY™ brand products are tested to meet applicable non-food monograph standards.

REPACKAGING:

- Re-packaging for commercial re-sale purposes requires prior Dow approval.

To enter into new applications beyond the traditional standard use ones, contact your Dow representative to review the specific application. Dow has a risk assessment process whereby the use will be reviewed and a determination made as to whether the application meets Dow's requirements and can therefore be supported by Dow. Because use conditions and applicable laws may differ from one location to another and may change with time, when an application is supported by Dow, Dow does not warrant and is not responsible for the use in such application.

If you have any questions or require further information, please contact us via our website at <http://www.dow.com/polyglycols/>.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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