Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
3M™ General Purpose Cleaner Concentrate (Product No. 8, 3M™ Chemical Management Systems)

Product Identification Numbers

ID Number	UPC	ID Number	UPC
61-0000-6332-3		61-0000-6333-1	
61-0000-6373-7		61-0000-6374-5	
61-0000-6407-3		70-0715-9211-0	000-48011-19212-3
70-0715-9212-8	000-48011-23891-3	70-0715-9213-6	000-48011-23908-8
70-0715-9214-4	000-48011-19211-6	70-0716-5934-9	000-51125-85871-7
70-0716-8347-1	000-48011-19212-3	70-0716-8348-9	000-48011-23891-3
70-0716-8349-7	000-48011-23908-8	70-0716-8350-5	000-48011-19211-6

7000002460, 7000053095, 7010315347, 7010385274, 7010342464, 7100052141, 7010309179, 7010328510, 7010364125, 7010299243, 7010296260, 7010364153

1.2. Recommended use and restrictions on use

Recommended use
High-performance, all-purpose cleaner. For floors, walls and other nonporous surfaces., This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org., Hard Surface Cleaner

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Commercial Branding and Transportation Division
ADDRESS:	3M Center, St. Paul, MN 55144-1000, USA
Telephone:	1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification
Serious Eye Damage/Irritation: Category 1.

2.2. Label elements
Signal word
Danger

Symbols
Corrosion |

Pictograms

Hazard Statements
Causes serious eye damage.

Precautionary Statements

Prevention:
Wear eye/face protection.

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Water	7732-18-5	65 - 80 Trade Secret *
Decyl Glucoside	68515-73-1	5 - 20 Trade Secret *
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Trade Secret*	3 - 8 Trade Secret *
Surfactant 1 (NJTSRN 04499600-6632)	Trade Secret*	< 3 Trade Secret *
Caprylyl Pyrrolidone	2687-94-7	< 1 Trade Secret *
Sodium Carbonate	497-19-8	<= 1 Trade Secret *
ALCOHOLS AND POLYSILOXANE ADDUCT MIXTURE	Trade Secret*	< 0.5 Trade Secret *
Fragrance Compound	Trade Secret*	< 0.5 Trade Secret *
Surfactant 2 (NJTSRN 04499600-6632)	Trade Secret*	< 0.5 Trade Secret *
Polyethylene Glycol	25322-68-3	< 0.05 Trade Secret *
Red 40	25956-17-6	< 0.05 Trade Secret *

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:
Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:
Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If Swallowed:
Rinse mouth. If you feel unwell, get medical attention.

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

Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

4.3. Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

5.3. Special protective actions for fire-fighters
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions
Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
For industrial/occupational use only. Not for consumer sale or use. This product is not intended to be used without prior dilution as specified on the product label. Grounding or safety shoes with electrostatic dissipating soles (ESD) are not required with a chemical dispensing system. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
Polyethylene Glycol	25322-68-3	AIHA	TWA:10 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls
NOTE: When used with a chemical dispensing system as directed, special ventilation is not required. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

NOTE: When used with a chemical dispensing system as directed, eye contact with the concentrate is not expected to occur. The following protection(s) are recommended if the product is not used with a chemical dispensing system or if there is an accidental release, wear protective eye/face protection. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Full Face Shield
Indirect Vented Goggles

Skin/hand protection
NOTE: When used with a chemical dispensing system as directed, skin contact with the concentrate is not expected to occur. If product is not used with a chemical dispensing system or if there is an accidental release:

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

Respiratory protection

NOTE: When used with a chemical dispensing system as directed, respiratory protection is not required.
If product is not used with a chemical dispensing system or if there is an accidental release:
An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid
Color	Red
Specific Physical Form:	Liquid
Odor	Moderate Citrus
Odor threshold	*No Data Available*
pH	10 - 11
Melting point	*Not Applicable*
Boiling Point	> 212 ºF
Flash Point	206.6 ºF [*Test Method:*Closed Cup]
Evaporation rate	*No Data Available*
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	*No Data Available*
Flammable Limits(UEL)	*No Data Available*
Vapor Pressure	*No Data Available*
Vapor Density	*No Data Available*
Density	8.65 lb/gal
Specific Gravity	1.036 [*Ref Std:*WATER=1]
Solubility in Water	Complete
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*No Data Available*
Autoignition temperature	*No Data Available*
Decomposition temperature	*No Data Available*
Viscosity	< 100 centipoise
Molecular weight	*Not Applicable*
Volatile Organic Compounds	< 0.5 % weight [*Test Method:*calculated per CARB title 2]
VOC Less H2O & Exempt Solvents	< 7 g/l [*Test Method:*calculated per CARB title 2]

SECTION 10: Stability and reactivity

10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong oxidizing agents

10.6. Hazardous decomposition products

Substance	Condition
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified
Oxides of Nitrogen	Not Specified

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:
Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:
Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eye Contact:
Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion:
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Decyl Glucoside	Dermal	Rabbit	LD50 > 2,000 mg/kg
Decyl Glucoside	Ingestion	Rat	LD50 > 2,000 mg/kg
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Dermal	Rabbit	LD50 > 1,000 mg/kg
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Ingestion	Rat	LD50 > 2,500 mg/kg
Surfactant 1 (NJTSRN 04499600-6632)	Dermal	Rabbit	LD50 > 2,000 mg/kg
Surfactant 1 (NJTSRN 04499600-6632)	Ingestion	Rat	LD50 > 700 mg/kg
Sodium Carbonate	Dermal	Rabbit	LD50 > 2,000 mg/kg

Sodium Carbonate	Ingestion	Rat	LD50 2,800 mg/kg
Caprylyl Pyrrolidone	Inhalation-Vapor	Professional judgement	LC50 estimated to be > 50 mg/l
Caprylyl Pyrrolidone	Dermal	Rat	LD50 > 4,000 mg/kg
Caprylyl Pyrrolidone	Ingestion	Rat	LD50 2,050 mg/kg
Surfactant 2 (NJTSRN 04499600-6632)	Dermal	Rabbit	LD50 > 3,160 mg/kg
Surfactant 2 (NJTSRN 04499600-6632)	Ingestion	Rat	LD50 3,000 mg/kg
Polyethylene Glycol	Dermal	Rabbit	LD50 > 20,000 mg/kg
Polyethylene Glycol	Ingestion	Rat	LD50 32,770 mg/kg
Red 40	Dermal	Rabbit	LD50 > 10,000 mg/kg
Red 40	Ingestion	Rat	LD50 > 10,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Decyl Glucoside	Rabbit	Minimal irritation
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Rabbit	Irritant
Surfactant 1 (NJTSRN 04499600-6632)	similar health hazards	Irritant
Sodium Carbonate	Rabbit	No significant irritation
Caprylyl Pyrrolidone	Rabbit	Corrosive
Surfactant 2 (NJTSRN 04499600-6632)	Rabbit	Irritant
Polyethylene Glycol	Rabbit	Minimal irritation
Red 40	Human and animal	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Decyl Glucoside	Rabbit	Corrosive
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Rabbit	Corrosive
Surfactant 1 (NJTSRN 04499600-6632)	Professional judgement	Corrosive
Sodium Carbonate	Rabbit	Corrosive
Caprylyl Pyrrolidone	Rabbit	Corrosive
Surfactant 2 (NJTSRN 04499600-6632)	Rabbit	Severe irritant
Polyethylene Glycol	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
Decyl Glucoside	Mouse	Not classified
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Guinea pig	Not classified
Caprylyl Pyrrolidone	Human and animal	Not classified
Surfactant 2 (NJTSRN 04499600-6632)	Human and animal	Not classified
Polyethylene Glycol	Guinea pig	Not classified
Red 40	Human	Not classified

Photosensitization

Name	Species	Value

Red 40	Human	Not sensitizing

Respiratory Sensitization
For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
Decyl Glucoside	In Vitro	Not mutagenic
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	In Vitro	Not mutagenic
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	In vivo	Not mutagenic
Sodium Carbonate	In Vitro	Not mutagenic
Caprylyl Pyrrolidone	In Vitro	Not mutagenic
Caprylyl Pyrrolidone	In vivo	Not mutagenic
Surfactant 2 (NJTSRN 04499600-6632)	In vivo	Not mutagenic
Surfactant 2 (NJTSRN 04499600-6632)	In Vitro	Some positive data exist, but the data are not sufficient for classification
Polyethylene Glycol	In Vitro	Not mutagenic
Polyethylene Glycol	In vivo	Not mutagenic
Red 40	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Surfactant 2 (NJTSRN 04499600-6632)	Dermal	Mouse	Not carcinogenic
Polyethylene Glycol	Ingestion	Rat	Not carcinogenic
Red 40	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Sodium Carbonate	Ingestion	Not classified for development	Mouse	NOAEL 340 mg/kg/day	during organogenesis
Caprylyl Pyrrolidone	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation
Caprylyl Pyrrolidone	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	1 generation
Caprylyl Pyrrolidone	Ingestion	Not classified for development	Rat	NOAEL 300 mg/kg/day	1 generation
Surfactant 2 (NJTSRN 04499600-6632)	Not Specified	Not classified for development	similar compounds	NOAEL Not available	
Polyethylene Glycol	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,125 mg/kg/day	during gestation
Polyethylene Glycol	Ingestion	Not classified for male reproduction	Rat	NOAEL 5699 +/- 1341 mg/kg/day	5 days
Polyethylene Glycol	Not Specified	Not classified for reproduction and/or development		NOEL N/A	
Polyethylene Glycol	Ingestion	Not classified for development	Mouse	NOAEL 562 mg/animal/day	during gestation
Red 40	Ingestion	Not classified for female reproduction	Rat	NOAEL 3,600 mg/kg/day	2 generation
Red 40	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,830 mg/kg/day	2 generation
Red 40	Ingestion	Not classified for development	Rat	NOAEL 3,600 mg/kg/day	2 generation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Decyl Glucoside	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL not available	
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL not available	
Surfactant 1 (NJTSRN 04499600-6632)	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	
Caprylyl Pyrrolidone	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Surfactant 2 (NJTSRN 04499600-6632)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Surfactant 2 (NJTSRN 04499600-6632)	Inhalation	central nervous system depression	Not classified	Rat	NOAEL 0.4 mg/l	6 hours
Surfactant 2 (NJTSRN 04499600-6632)	Ingestion	central nervous system depression	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL Not available	
Polyethylene Glycol	Inhalation	respiratory irritation	Not classified	Rat	NOAEL 1.008 mg/l	2 weeks

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Ingestion	gastrointestinal tract	Not classified	Rat	NOAEL 250 mg/kg/day	90 days
Non-ionic Surfactant 1 (NJTSRN 04499600-6633)	Ingestion	endocrine system | liver | immune system | nervous system | hematopoietic system | eyes	Not classified	Rat	NOAEL 1,000 mg/kg/day	90 days
Sodium Carbonate	Inhalation	respiratory system	Not classified	Rat	LOAEL 0.07 mg/l	3 months
Caprylyl Pyrrolidone	Ingestion	liver | hematopoietic system | eyes | kidney and/or bladder | respiratory system	Not classified	Rat	NOAEL 492 mg/kg/day	90 days
Caprylyl Pyrrolidone	Ingestion	heart | endocrine system | gastrointestinal tract | immune system | nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
Polyethylene Glycol	Inhalation	respiratory system	Not classified	Rat	NOAEL 1.008 mg/l	2 weeks
Polyethylene Glycol	Ingestion	kidney and/or bladder | heart | endocrine system | hematopoietic system | liver | nervous system	Not classified	Rat	NOAEL 5,640 mg/kg/day	13 weeks
Red 40	Dermal	skin	Not classified	Mouse	NOAEL 167 mg/kg/day	20 months
Red 40	Ingestion	endocrine system	Not classified	Mouse	NOAEL 8,350 mg/kg/day	1 generation
Red 40	Ingestion	heart | bone marrow | hematopoietic system | liver | immune system | nervous system |	Not classified	Rat	NOAEL 3,600 mg/kg/day	1 generation

		eyes | kidney and/or bladder | respiratory system				

Aspiration Hazard
For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations

13.1. Disposal methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Not applicable

Health Hazards
Serious eye damage or eye irritation

15.2. State Regulations

15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification

and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

15.4. International Regulations

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification
Health: 3 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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