



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

3M™ Neutral Cleaner Concentrate

Product Identification Numbers

ID Number	UPC	ID Number	UPC
70-0715-9197-1	00-48011-29644-9	70-0715-9424-9	00-48011-59865-4
70-0716-8341-4	00-48011-29644-9	70-0716-8359-6	00-48011-59865-4

7010385271, 7010342466

1.2. Recommended use and restrictions on use

Recommended use

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

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

7% of the mixture consists of ingredients of unknown acute oral toxicity.

7% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	80 - 90 Trade Secret *
C12-14 Alcohols Ethoxylated Propoxylated	68439-51-0	5 - 8 Trade Secret *
C9-11 ALCOHOLS ETHOXYLATED	68439-46-3	6 - 8 Trade Secret *
Surfactant (NJTSRN 04499600-6632)	Trade Secret*	0.5 - 1 Trade Secret *
Fragrance	Trade Secret*	< 0.5 Trade Secret *
Acid Blue 9	3844-45-9	< 0.2 Trade Secret *
Dimethicone	63148-62-9	< 0.05 Trade Secret *
Sodium Caboxymethyl Cellulose	9004-32-4	< 0.05 Trade Secret *
Yellow 5	1934-21-0	< 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:

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

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. Non-combustible. Use a fire fighting agent suitable for surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion

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 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 heat. 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
Fragrance	Trade Secret	ACGIH	TWA:10 ppm	A4: Not class. as human carcin

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.

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 body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended:

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

Green-Yellow

Specific Physical Form:

Liquid

Odor

Moderate Citrus

Odor threshold

No Data Available

pH

6 - 7

Melting point

Not Applicable

Boiling Point

> 205 °F

Flash Point

205 °F [Test Method: Closed Cup]

Evaporation rate

Approximately 1 [Ref Std: WATER=1]

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

No Data Available

Flammable Limits(UEL)

No Data Available

Vapor Pressure

< 27 psia [@ 131 °F]

Vapor Density	No Data Available
Specific Gravity	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	< 1 % weight
Percent volatile	No Data Available
VOC Less H2O & Exempt Solvents	< 70 g/l

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

Heat

Sparks and/or flames

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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None known.	
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Refer to section 5.2 for hazardous decomposition products during combustion.

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:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

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
C9-11 ALCOHOLS ETHOXYLATED	Dermal	similar compounds	LD50 > 2,000 mg/kg
C9-11 ALCOHOLS ETHOXYLATED	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 > 1.6 mg/l
C9-11 ALCOHOLS ETHOXYLATED	Ingestion	similar compounds	LD50 3,488 mg/kg
Surfactant (NJTSRN 04499600-6632)	Dermal	Rabbit	LD50 > 2,000 mg/kg
Surfactant (NJTSRN 04499600-6632)	Ingestion	Rat	LD50 > 700 mg/kg
Acid Blue 9	Ingestion	Rat	LD50 > 2,000 mg/kg
Acid Blue 9	Dermal	similar health hazards	LD50 estimated to be > 5,000 mg/kg
Dimethicone	Dermal	Rabbit	LD50 > 19,400 mg/kg
Dimethicone	Ingestion	Rat	LD50 > 17,000 mg/kg
Sodium Caboxymethyl Cellulose	Dermal	Rabbit	LD50 > 2,000 mg/kg
Sodium Caboxymethyl Cellulose	Ingestion	Rat	LD50 > 27,000 mg/kg
Fragrance	Dermal	Rabbit	LD50 > 5,000 mg/kg
Fragrance	Ingestion	Rat	LD50 2,490 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
C9-11 ALCOHOLS ETHOXYLATED	similar compounds	Minimal irritation
Surfactant (NJTSRN 04499600-6632)	similar health hazards	Irritant
Acid Blue 9	Human	Minimal irritation
Dimethicone	Rabbit	No significant irritation
Sodium Caboxymethyl Cellulose	Human	No significant irritation
Fragrance	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
C9-11 ALCOHOLS ETHOXYLATED	Professional judgement	Moderate irritant

Surfactant (NJTSRN 04499600-6632)	Professional judgement	Corrosive
Acid Blue 9	Rabbit	Mild irritant
Dimethicone	Rabbit	No significant irritation
Sodium Caboxymethyl Cellulose	Rabbit	No significant irritation
Fragrance	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
C9-11 ALCOHOLS ETHOXYLATED	Guinea pig	Not classified
Acid Blue 9	Mouse	Not classified
Sodium Caboxymethyl Cellulose	Human	Not classified
Fragrance	Guinea pig	Not classified

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
C9-11 ALCOHOLS ETHOXYLATED	In Vitro	Not mutagenic
Acid Blue 9	In Vitro	Not mutagenic
Acid Blue 9	In vivo	Not mutagenic
Sodium Caboxymethyl Cellulose	In Vitro	Not mutagenic
Fragrance	In vivo	Not mutagenic
Fragrance	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Acid Blue 9	Ingestion	Rat	Not carcinogenic
Fragrance	Ingestion	Multiple animal species	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
C9-11 ALCOHOLS ETHOXYLATED	Dermal	Not classified for female reproduction	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 ALCOHOLS ETHOXYLATED	Dermal	Not classified for development	Rat	NOAEL 250 mg/kg/day	2 generation
C9-11 ALCOHOLS ETHOXYLATED	Dermal	Not classified for male reproduction	Rat	NOAEL 100 mg/kg/day	2 generation
Acid Blue 9	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	3 generation
Acid Blue 9	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	3 generation
Acid Blue 9	Ingestion	Not classified for development	Rat	NOAEL 2,000 mg/kg/day	during organogenesis
Sodium Caboxymethyl Cellulose	Ingestion	Not classified for female reproduction	Rat	NOAEL 1 g/kg in the diet	3 generation
Sodium Caboxymethyl Cellulose	Ingestion	Not classified for male reproduction	Rat	NOAEL 1 g/kg in the diet	3 generation

Fragrance	Ingestion	Not classified for development	Rat	NOAEL 100 mg/kg/day	during organogenesis
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Target Organ(s)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
C9-11 ALCOHOLS ETHOXYLATED	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
Surfactant (NJTSRN 04499600-6632)	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
C9-11 ALCOHOLS ETHOXYLATED	Dermal	kidney and/or bladder heart hematopoietic system liver nervous system respiratory system	Not classified	Rat	NOAEL 125 mg/kg/day	13 weeks
Acid Blue 9	Ingestion	heart skin endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system liver immune system muscles nervous system eyes kidney and/or bladder respiratory system vascular system	Not classified	Rat	NOAEL 1,072 mg/kg/day	30 months
Sodium Caboxymethyl Cellulose	Ingestion	blood kidney and/or bladder	Not classified	Rat	NOAEL 1 g/kg in the diet	25 months
Fragrance	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 250 mg/kg/day	13 weeks
Fragrance	Ingestion	heart skin endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system liver immune system muscles kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 1,750 mg/kg/day	13 weeks

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

Not applicable

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 product are in compliance with the new substance notification requirements of CEPA.

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 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.

This product complies with the New Zealand Hazardous Substances and New Organisms Act (1996).

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: 1 **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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