

# Safety Data Sheet

## Section 1: Identification

### Product identifier

**Product Name** • **Multi-Surface Vehicle & Equipment Cleaner**

**Synonyms** • 80-1550, 80-4017

**Product Code**

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** • Multisurface cleaner used on water safe fabrics, vinyl, carpet and hard surfaces

**Restrictions on use** • Read and follow label directions and use warnings

### Details of the supplier of the safety data sheet

**Manufacturer** • Kimball Midwest  
• 4800 Roberts Road  
• Columbus, OH 43228  
•

**Telephone (General)** • 800.233.1294

### Emergency telephone number

• Chemtrec 1.800.424.9300

## Section 2: Hazard Identification

### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

### Classification of the substance or mixture

**OSHA HCS 2012** • Skin Irritation 2  
Skin Sensitization 1  
Eye Irritation 2

### Label elements

**OSHA HCS 2012**

### WARNING



**Hazard statements** • Causes skin irritation  
May cause an allergic skin reaction  
Causes serious eye irritation

### Precautionary statements

**Prevention** • Avoid breathing mists, vapours, and/or spray.  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

- Response •** If on skin: Wash with plenty of water .  
 Take off contaminated clothing and wash before reuse.  
 Specific treatment, see supplemental first aid information.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.

- Storage/Disposal •** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Other hazards

### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
Ethoxylated fatty alcohols	NDA	0% TO 2%	NDA	OSHA HCS 2012: Eye Dam. 1
Alkoxylated alcohols	NDA	0% TO 1%	NDA	OSHA HCS 2012: Skin Irrit. 2
Preservative	NDA	< 1%	NDA	OSHA HCS 2012: Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

#### Skin

- Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

#### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- Do NOT induce vomiting. Obtain medical attention immediately if ingested.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

## Extinguishing media

**Suitable Extinguishing Media** • LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

**Unsuitable Extinguishing Media** • No data available.

## Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • Poses no unusual fire or explosion hazard.

**Hazardous Combustion Products** • No data available.

## Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.  
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.  
Wear positive pressure self-contained breathing apparatus (SCBA).  
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE) Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures** • As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep unauthorized personnel away. Ventilate closed spaces before entering.

### Environmental precautions

- Avoid run off to waterways and sewers.

### Methods and material for containment and cleaning up

**Containment/Clean-up Measures** • Stop leak if you can do it without risk.  
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.  
LARGE SPILLS: Dike far ahead of spill for later disposal.

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** • Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing vapors, dust, or spray mist/mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### Conditions for safe storage, including any incompatibilities

**Storage** • Keep container closed. Store in a cool, dry, well-ventilated place. Do not store in unmarked containers or storage devices.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Proprietary (Proprietary)	STELs	Not established	Not established	5 ppm STEL (see 29 CFR 1910.1047)
	TWAs	1 ppm TWA	0.1 ppm TWA (less than stated value); 0.18 mg/m <sup>3</sup> TWA (less than stated value)	1 ppm TWA
	Ceilings	Not established	5 ppm Ceiling (10 min/day); 9 mg/m <sup>3</sup> Ceiling (10 min/day)	Not established
Proprietary (Proprietary)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.3 ppm Ceiling	0.1 ppm Ceiling (15 min)	Not established
Proprietary (Proprietary)	TWAs	20 ppm TWA	Not established	100 ppm TWA; 360 mg/m <sup>3</sup> TWA
	Ceilings	Not established	1 ppm Ceiling (30 min); 3.6 mg/m <sup>3</sup> Ceiling (30 min)	Not established
Proprietary (Proprietary)	TWAs	Not established	Not established	200 ppm TWA; 360 mg/m <sup>3</sup> TWA
	Ceilings	25 ppm Ceiling	Not established	Not established

## Exposure controls

### Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

### Personal Protective Equipment

#### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

#### Eye/Face

- Wear chemical splash safety goggles.

#### Skin/Body

- Wear appropriate gloves.

### Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Slightly hazy water based cleaner with a surfactant odor.
Color	No data available	Odor	Surfactant
Odor Threshold	No data available		
General Properties			
Boiling Point	212 °F(100 °C)	Melting Point/Freezing Point	> 32 °F(> 0 °C)
Decomposition Temperature	No data available	pH	7 to 8
Specific Gravity/Relative Density	= 1.01 Water=1	Water Solubility	Soluble 100 %
Viscosity	3 Centistoke (cSt, cS) or mm <sup>2</sup> /sec @ 40 °C(104 °F)		

**Volatility**

Vapor Pressure	17.5 mmHg (torr)	Vapor Density	< 1 Air=1
Evaporation Rate	No data available		

**Flammability**

Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		

**Environmental**

Octanol/Water Partition coefficient	No data available		
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**Section 10: Stability and Reactivity****Reactivity**

- No dangerous reaction known under conditions of normal use.

**Chemical stability**

- Stable under normal temperatures and pressures.

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- Close proximity to incompatible substances.

**Incompatible materials**

- Alkalis, strong oxidizers.

**Hazardous decomposition products**

- If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxides gases (e.g., CO, CO<sub>2</sub>)

**Section 11 - Toxicological Information****Information on toxicological effects**

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
Respiratory sensitization	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

**Potential Health Effects**

**Inhalation**

- Acute (Immediate)** • No adverse health effects expected.
- Chronic (Delayed)** • No data available.

**Skin**

- Acute (Immediate)** • Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.
- Chronic (Delayed)** • No data available.

**Eye**

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available.

**Ingestion**

- Acute (Immediate)** • May cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.
- Chronic (Delayed)** • No data available.

**Carcinogenic Effects**

- This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA , IARC or NTP .

<b>Carcinogenic Effects</b>				
	<b>CAS</b>	<b>OSHA</b>	<b>IARC</b>	<b>NTP</b>
Proprietary	Proprietary	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Proprietary	Proprietary	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Proprietary	Proprietary	Not Listed	Group 1-Carcinogenic	Reasonably Anticipated to be Human Carcinogen
Proprietary	Proprietary	Not Listed	Group 2B-Possible Carcinogen	Reasonably Anticipated to be Human Carcinogen

**Section 12 - Ecological Information****Toxicity**

- Non-mandatory section - information about this substance not complied for this reason.

**Persistence and degradability**

- Non-mandatory section - information about this substance not complied for this reason.

**Bioaccumulative potential**

- Non-mandatory section - information about this substance not complied for this reason.

**Mobility in Soil**

- Non-mandatory section - information about this substance not complied for this reason.

**Other adverse effects**

- Non-mandatory section - information about this substance not complied for this reason.

**Section 13 - Disposal Considerations****Waste treatment methods**

**Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

**Section 15 - Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • Acute

Inventory		
Component	CAS	TSCA
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Proprietary	Proprietary	5000 lb TQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	1000 lb TQ
• Proprietary	Proprietary	2500 lb TQ

**U.S. - OSHA - Specifically Regulated Chemicals**

• Proprietary	Proprietary	5 ppm Excursion Limit (See 29 CFR 1910.1047, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1047); 1 ppm TWA (See 29 CFR 1910.1047)
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	2 ppm STEL (See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1048); 0.75 ppm TWA (See 29 CFR 1910.1048)
• Proprietary	Proprietary	Not Listed

**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Proprietary	Proprietary
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• Proprietary	Proprietary	
• Proprietary	Proprietary	
• Proprietary	Proprietary	
<b>U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances</b>		
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	10000 lb threshold quantity
<b>U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances</b>		
• Proprietary	Proprietary	10000 lb threshold quantity
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	15000 lb threshold quantity (Solution)
• Proprietary	Proprietary	Not Listed
<b>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</b>		
• Proprietary	Proprietary	10 lb final RQ; 4.54 kg final RQ
• Proprietary	Proprietary	100 lb final RQ; 45.4 kg final RQ
• Proprietary	Proprietary	100 lb final RQ; 45.4 kg final RQ
• Proprietary	Proprietary	1000 lb final RQ; 454 kg final RQ
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</b>		
• Proprietary	Proprietary	10 lb EPCRA RQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	100 lb EPCRA RQ
• Proprietary	Proprietary	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</b>		
• Proprietary	Proprietary	1000 lb TPQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	500 lb TPQ
• Proprietary	Proprietary	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</b>		
• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration
• Proprietary	Proprietary	0.1 % de minimis concentration
<b>U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing</b>		
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
<b>U.S. - CWA (Clean Water Act) - Hazardous Substances</b>		
• Proprietary	Proprietary	Not Listed



• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	
• Proprietary	Proprietary	

**U.S. - CWA (Clean Water Act) - Toxic Pollutants**

• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

**United States - California****Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Proprietary	Proprietary	carcinogen, initial date 7/1/87
• Proprietary	Proprietary	carcinogen, initial date 1/1/88
• Proprietary	Proprietary	carcinogen, initial date 1/1/88 (gas)
• Proprietary	Proprietary	carcinogen, initial date 4/1/88

**U.S. - California - Proposition 65 - Developmental Toxicity**

• Proprietary	Proprietary	developmental toxicity, initial date 8/7/09
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

• Proprietary	Proprietary	20 µg/day MADL
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

• Proprietary	Proprietary	2 µg/day NSRL
• Proprietary	Proprietary	30 µg/day NSRL
• Proprietary	Proprietary	40 µg/day NSRL (gas)
• Proprietary	Proprietary	90 µg/day NSRL (inhalation)

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

• Proprietary	Proprietary	female reproductive toxicity, initial date 2/27/87
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

• Proprietary	Proprietary	male reproductive toxicity, initial date 8/7/09
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed

**Other Information**

- WARNING: This product can expose you to chemicals 1-4 dioxane which is known to

the state of California to cause cancer, and ethylene oxide) which is known to the state of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warning.ca.gov](http://www.P65Warning.ca.gov). United States Inventory (TSCA 8b) All Components are Listed or Exempted.

## Section 16 - Other Information

**Revision Date**

- 30/November/2018

**Preparation Date**

- 10/June/2015

**Other Information**

- Schedule B Number: 3402.20.5100.

**Disclaimer/Statement of Liability**

- The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

**Key to abbreviations**

NDA = No Data Available

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