Section I -- PRODUCT & COMPANY IDENTIFICATION

PRODUCT NUMBER M401

PRODUCT NAMEM401, Part 1: NCP-2 Battery Terminal Protectors**HMIS CODES**Health: 1, Flammability: 1, Reactivity: 0

MANUFACTURER'S NAME

The Noco[®] Company Cleveland, OH 44122

EMERGENCY TELEPHONE NO. (800) 424-9300 INFORMATION TELEPHONE NO. (800) 456-6626

DATE OF PREPARATION 15-MARCH-2011

Section II HAZARDOUS INGREDIENTS						
% by WT	CAS No.	INGREDIENT	PEL PPM	TLV PPM	TLV MG/M3	UEL
9	Proprietary	Mineral Oil	None	None	5.0	N/A

SARA HAZARD: None (Not listed - Title III, Section 313)

CARCINOGENICITY: This product is not considered a suspected animal carcinogen by the National Toxicity Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

PURSUANT TO PROPOSITION 65: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Proposition 65. See section X.

Section III PHYSICAL DATA					
Boiling Range: Appearance & Odor: Volatile:	Above 900 °F Red, lubricant-like Negligible	Vapor Density: Solubility in Water:	Heavier than air No	Specific Gravity: Evaporation Rate:	.970 Slower than ether

Section IV FIRE & EXPLOSION HAZARDS			
FLASH POINT	LEL	UEL	
475-COCF	See section II	See section II	

EXTINGUISHING MEDIA

Extinguish with dry chemical, CO2, water spray, foam, sand or earth and foam may cause frothing. Note that while water fog extinguishers are also acceptable, do not apply a direct stream of water on burning product because it may cause spreading & increase fire intensity.

SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing.

UNUSUAL HAZARDS

None known

Section V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: (See section II Hazardous Ingredients)

ROUTES OF ENTRY

Inhalation: No Skin: Yes Ingestion: Yes

EFFECTS OF OVEREXPOSURE SKIN

Short term skin contact is not expected to cause skin irritation. Prolonged or repeated contact may cause redness, burning, and dermatitis.

EYE

This material may cause eye irritation. Direct contact may cause burning, tearing and redness.

INHALATION

This product has low volatility and so is not expected to cause respiratory tract irritation.

INGESTION

Ingestion of this material may cause irritation of the digestive tract.

CHRONIC

Cancer: no information found in standard references.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: If swallowed do no induce vomiting, give 2 or 3 cups of milk or water to drink. Seek medical attention.

Inhalation: If irritation of nose or throat develops, move away from source of exposure and into fresh air.

Eye Contact: For direct contact, flush the affected eye(s) with gentle stream of clean water for at least 15 minutes.

If irritation persists, seek medical attention.

Skin Contact: Do not use gasolines, thinners, or solvents to remove products from skin. Wipe material from skin and remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleaner. If irritation or redness develops and persists, seek medical attention.

Section VI -- REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY

Avoid contact with strong oxidizing agents. Extended Exposure to high temperatures may cause decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in the presence of air may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

HAZARDOUS POLYMERIZATION

Will not occur

Section VII -- SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wash down any excess liquid with water.

WASTE DISPOSAL METHOD

Dispose of product in accordance with local, county, state and federal regulations.

Section VIII -- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

None

PROTECTIVE GLOVES

Recommended for prolonged or repeated contact.

EYE PROTECTION

Safety glasses

VENTILATION

None

OTHER PROTECTIVE EQUIPMENT

None

Section IX -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not store near incompatible substances. (See section VI)

OTHER PRECAUTIONS

None

PURSUANT TO PROPOSITION 65

Proposition 65 applies to list of chemicals named by the Governor of California as carcinogens or reproductive toxins. Warning requirements for specific chemicals take effect one year after they are added to the Governor's list. Other chemicals already added to the Governor's list will be regulated later under Proposition 65.

Section X -- HAZARDOUS MATERIAL IDENTIFICATION

Communication of physical property, health, and safety information is a key factor in our product safety program. With this information you can better fulfill your obligation to educate exposed personnel in the proper handling techniques required to maintain safety in the workplace. Listed in this section is NPCA-HMIS classification for this product.

HMIS CLASSIFICATION CODE

Health: 1 - Slight Hazard Flammability: 1 - Slight Hazard Reactivity: 0 - Least Hazard Personal Protection: B - Glasses and Gloves

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Section I -- PRODUCT & COMPANY IDENTIFICATION

PRODUCT NUMBER M401

PRODUCT NAME	M401, Part 2: Battery Clean-Up
HMIS CODES	Health: 1, Flammability: 4, Reactivity: 0

MANUFACTURER'S NAME

The Noco® Company Cleveland, OH 44122 EMERGENCY TELEPHONE NO. (800) 424-9300 INFORMATION TELEPHONE NO. (800) 456-6626 DATE OF PREPARATION 15-MARCH-2011

Section II COMPOSITION/INFORMATION ON INGREDIENTS					
% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE	
3	74-98-6	Propane ACGIH TLV OSHA PEL	2500 ppm 1000 ppm	760 mm	
7	106-97-8	Butane ACGIH TLV OSHA PEL	800 ppm 800 ppm	760 mm	
1	1333-86-4	Carbon Black ACGIH TLV OSHA PEL	3.5 mg/m ³ 150 ppm		

Section III -- HAZARDOUS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

Section IV -- FIRST AID MEASURES

If INHALED:	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN:	Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED:	Do not induce vomiting. Get medical attention immediately.

FLASH POINT	LEL	UEL
Propellant <0 °F	1.9	9.5

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode (due to the build-up of pressure) when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decompositon products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat.

Section VI -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section VII -- HANDLING AND STORAGE

STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120 °F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section VIII -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. *CO6013*

Section IX -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT SPECIFIC GRAVITY BOILING POINT MELTING POINT VOLATILE VOLUME EVAPORATION RATE VAPOR DENSITY SOLUBILITY IN WATER VOLATILE ORGANIC COMPOUNDS

(VOC Theoretical) Volatile weight

HAZARDOUS DECOMPOSITION PRODUCTS

7.93 lb/gal 950 g/l 0.95 <0 - 213 °F <-18 - 100 °C Not available 97 % Faster than ether Heavier than air N.A.

9.86% Less Water and Federally Exempt Solvents

Section X -- STABILITY AND REACTIVITY

Stable None known None known By fire: Carbon Dioxide, Carbon Monoxide Will not occur

Section XI -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDOUS

HAZARDOUS POLYMERIZATION

No ingredient in this product is an IARC, NTP or OSHA list carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

STABILITY

CONDITIONS TO AVOID

INCOMPATIBILITY

Ingredient Name			
Propane			
LC50	RAT	4HR	Not Available
LD50	RAT		Not Available
Butane			
LC50	RAT	4HR	Not Available
LD50	RAT		Not Available
	Propane LC50 LD50 Butane LC50	Propane LC50 RAT LD50 RAT Butane LC50 RAT	Propane LC50 RAT 4HR LD50 RAT Butane LC50 RAT 4HR

Section XII -- ECOLOGICAL INFORMATION

ECOTOXICOLOGAL INFORMATION

No data available

Section XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulation regarding pollution.

Section XIV -- TRANSPORT INFORMATION

No data available

Section XV -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION CAS No. CHEMICAL/COMPOUND

% by WT % Element

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory. *CO6013*

PAGE 4

Section XVI -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formatted, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Section I -- PRODUCT & COMPANY IDENTIFICATION

PRODUCT NUMBER M401

PRODUCT NAME	M401, Part 3: NCP-2 Battery Corrosion Preventative
HMIS CODES	Health: 2*, Flammability: 4, Reactivity: 0

MANUFACTURER'S NAME

The Noco® Company Cleveland, OH 44122 EMERGENCY TELEPHONE NO. (800) 424-9300 INFORMATION TELEPHONE NO. (800) 456-6626 DATE OF PREPARATION 15-MARCH-2011

	Section II COMPOSITION/INFORMATION ON INGREDIENTS				
% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE	-
15	74-98-6	Propane ACGIH TLV OSHA PEL	2500 ppm 1000 ppm	760 mm	
34	64742-62-7	Paraffinic Mineral Oil ACGIH TLV OSHA PEL	5 mg/m³ as Mist 5 mg/m³ as Mist		
0.7	100-41-4	Ethylbenzene ACGIH TLV ACGIH TLV OSHA PEL OSHA PEL	100 ppm 125 ppm STEL 100 ppm 125 ppm STEL	7.1 mm	
4	1330-20-7	Xylene ACGIH TLV ACGIH TLV OSHA PEL OSHA PEL	100 ppm 150 ppm STEL 100 ppm 150 ppm STEL	5.9 mm	
20	67-64-1	Acetone ACGIH TLV ACGIH TLV OSHA PEL	500 ppm 750 ppm STEL 1000 ppm	180 mm	
20	78-93-3	Methyl Ethyl Ketone ACGIH TLV ACGIH TLV OSHA PEL OSHA PEL	200 ppm 300 ppm STEL 200 ppm 300 ppm STEL	70 mm	

Section III -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

Section IV -- FIRST AID MEASURES

If INHALED:	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN:	Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED:	Do not induce vomiting. Get medical attention immediately.

Section V -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
Propellant <0 °F	1.0	12.8

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat.

Section VI -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section VII -- HANDLING AND STORAGE

STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120 °F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section VIII -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

	Section IX I	PHYSICAL AND CHEMICAL PROPERTIES
PRODUCT WEIGHT	6.35 lb/gal	761 g/l
SPECIFIC GRAVITY	0.76	
BOILING POINT	<0 - 292 °F	<-18 - 144 °C
MELTING POINT	Not available	
VOLATILE VOLUME	65 %	
EVAPORATION RATE	Faster than eth	ner
VAPOR DENSITY	Heavier than a	ir
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS	VOC Theoretic	al
Volatile weight	40.00% Less \	Nater and Federally Exempt Solvents

Section)	(STABIL	ITY	AND	REACTIVITY
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STABILITY
CONDITIONS TO AVOID
INCOMPATIBILITY
HAZARDOUS DECOMPOSITION PRODUCTS
HAZARDOUS POLYMERIZATION

Stable None known None known By fire: Carbon Dioxide, Carbon Monoxide Will not occur

Section XI -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDOUS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Methyl Ethyl Ketone may increase the nervous system effects of other solvents.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

CAS No. Ingredient Name

74-98-6	Propane LC50 LD50	RAT RAT	4HR	Not Available Not Available
64742-62-7	Paraffinic Mineral (LC50 LD50	Dil RAT RAT	4HR	Not Available Not Available
100-41-4	Ethylbenzene LC50 LD50	RAT RAT	4HR	Not Available 3500 mg/kg
1330-20-7	Xylene LC50 LD50	RAT RAT	4HR	5000 ppm 4300 mg/kg
67-64-1	Acetone LC50 LD50	RAT RAT	4HR	Not Available 5800 mg/kg
78-93-3	Methyl Ethyl Keton LC50 LD50	e RAT RAT	4HR	Not Available 2740 mg/kg

Section XII -- ECOLOGICAL INFORMATION

ECOTOXICOLOGAL INFORMATION

No data available

Section XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulation regarding pollution.

Section XIV -- TRANSPORT INFORMATION

No data available

Section XV -- REGULATORY INFORMATION

% Element

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT
100-41-4	Ethylbenzene	0.7
1330-20-7	Xylene	4
78-93-3	Methyl Ethyl Ketone	20

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section XVI -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.