

Continuation
Item 4

Huntsman International LLC & Subsidiaries
Company: Huntsman ICI Chemicals LLC
Date of Report: 08JUL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
80313-C1C1	USA	P 01	G	16DE1987	133664	02JAL1990	4891437	02JUL2001	16DE2007
Title:EPOXIDATION OF OLEFINS IN A POLAR MEDIUM									
Inventors:MARQUIS E KEATING K KNIFTON J SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80316-C1	USA	P 01	G	06DE1985	804132	31MR1987	4854427	30SE1998	31DE2004
Title:SYNTHESIS OF MOLYBDENUM OXIDE/ALKANOL COMPLEXES									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80316-C2	USA	P 02	G	06DE1985	804131	17MR1987	4650886	17SE1998	31DE2004
Title:SYNTHESIS OF AMMONIUM MOLYBDATE/ALKANOL COMPLEXES									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80403	USA	G	20DE1984	684216	15OC1985	4547598	15AP1997	15AP1997	20DE2004
Title:TERT.-BUTYL HYDROPEROXIDE IN TERT.-BUTANOL DECOMPOSED BY									
Inventors:KEATING K MARQUIS E SANDERSON VANDERPOOL									
Owner of Record: Huntsman ICI Chemicals LLC									
80421	USA	G	31DE1984	687701	02DE1986	4626596	02JUL1998	02JUL1998	31DE2004
Title:PROPYLENE EPOXIZED BY TERT.-BUTYL HYDROPEROXIDE IN THE									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80421-D1C1	USA	C 01	G	12MY1989	351512	21AP1992	5107067	21OC2003	21AP2009
Title:REACTION OF PROPYLENE AND TERTIARY BUTYL ALCOHOL IN THE									
Inventors:MARQUIS E KEATING K SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80472	USA	G	14AP1986	851842	01SE1987	4691034	01MR1999	01MR1999	14AP2006
Title:Purification of propylene oxide by treatment with calcium									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80493	USA	G	06OC1986	916075	02FE1988	4722919	02AU1999	02AU1999	06OC2006
Title:SYNTHESIS OF VANADIUM/PROPYLENE GLYCOL COMPLEXES									
Inventors:MARQUIS E SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									

60639-1

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
80521	USA	G	14AP1986	851846	01SE1987	4691035	01MR1999	14AP2006	9
Title: Purification of propylene oxide by treatment with a selected									
Inventors: KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80557	USA	G	30DE1986	947672	19JL1988	4758681	19JA2000	30DE2006	10
Title: MOLYBDENUM-ETHYLENE GLYCOL COMPLEXES PREPARED BY HEATING									
Inventors: MARQUIS E PAYTON H F									
Owner of Record: Huntsman ICI Chemicals LLC									
80577	USA	G	27JE1986	879660	03NO1987	4704482	03MY1999	27JE2006	11
Title: PURIFICATION OF TERT-BUTYL ALCOHOL BY PASSING OVER SOLID									
Inventors: MARQUIS E MEYER R A RENKEN T L SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80603	USA	G	23DE1986	945629	07MR1989	4810809	07SE2000	23DE2006	12
Title: Ditertiary butyl peroxide recovery									
Inventors: MARQUIS E MEYER R A SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80609	USA	G	03NO1986	926159	03MY1988	4742179	03NO1999	03NO2006	13
Title: TERT-BUTYL ALCOHOL (TBA) STREAM PURIFIED BY REMOVAL OF									
Inventors: GIPSON R M KEATING K MARQUIS E SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80630	USA	G	20NO1986	932822	10NO1987	4705903	10MY1999	20NO2006	14
Title: Catalytic decomposition of impurities in tertiary butyl									
Inventors: LARKIN J M SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80698	USA	G	31AU1989	401381	12FE1991	4992566	12AU2002	31AU2009	15
Title: Recovery of tertiary butyl hydroperoxide and tertiary butyl									
Inventors: KEATING K MARQUIS E MEYER R A SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80956	USA	G	26JL1991	736365	21AP1992	5106458	21OC2003	26JL2011	16
Title: PROPYLENE OXIDE PURIFIED BY REMOVAL OF METHYL FORMATE USING									
Inventors: MEYER R A NGUYEN E T SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									

60639-1

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81032	USA		G	10JA1992	818931	02MR1993	5191143	02SE2004	10JA2012
Title: Preparation of Isobutylene									
Inventors: SU W Y SMITH W A TOOLOIAN R									
Owner of Record: Huntsman ICI Chemicals LLC									
81086	USA		G	19NO1992	978570	07SE1993	5243091	07MR2005	19NO2012
Title: METHOD FOR THE MANUFACTURE AND RECOVERY OF METHYL TERTIARY									
Inventors: KRUSE C J HWAN R J PRESTON K SHEU F R									
Owner of Record: Huntsman ICI Chemicals LLC									
81103	USA		G	21JA1993	006542	28DE1993	5274138	28JE2005	21JA2013
Title: MULTIPLE STAGE EPOXIDATION OF OLEFINS, E.G., PROPYLENE, WITH									
Inventors: MUELLER M KEATING K MARQUIS E									
Owner of Record: Huntsman ICI Chemicals LLC									
81112	USA		G	03OC1991	770493	18AU1992	5139622	18FE2004	03OC2011
Title: PROPYLENE OXIDE PURIFIED BY EXTRACTIVE DISTILLATION WITH									
Inventors: MARQUIS E SPERANZA G SHEU Y E G CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81117	USA		G	01NO1991	786692	13OC1992	5154804	13AP2004	01NO2011
Title: Removal of water, acetone and methanol from propylene oxide									
Inventors: MARQUIS E SPERANZA G SHEU Y E G CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81136	USA		G	19AP1993	047910	16NO1993	5262017	16MY2005	19AP2013
Title: PROPYLENE OXIDE PURIFIED BY FOUR-STAGE DISTILLATION PROCESS.									
Inventors: MEYER R A SMITH W A MUELLER M DEMOLL G B									
Owner of Record: Huntsman ICI Chemicals LLC									
81148-C1	USA	F	G	07JA1995	372725	19AU1997	5659091	19FE2005	19AU2014
Title: REMOVAL OF METHANOL FROM METHYL TERT.-BUTYL ETHER USING									
Inventors: PETERS M W SHEU Y E									
Owner of Record: Huntsman ICI Chemicals LLC									
81153	USA		G	06JL1993	85805	20SE1994	5349072	20MR2006	06JL2013
Title: Staged epoxidation of propylene with recycle									
Inventors: WU C T TAYLOR M E MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81154	USA		G	08NO1993	148226	25AP1995	5410077	25OC2006	08NO2013
Title: CONTROLLED EPOXIDATION OF PROPYLENE									
Inventors: WU C T M TAYLOR M E MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81171	USA		G	13MR1995	403021	17JE1997	5639355	17DE2004	13MR2015
Title: METHOD FOR ENHANCING THE YIELD OF TERTIARY BUTYL ALCOHOL IN									
Inventors: JONGENBURG									
Owner of Record: Huntsman ICI Chemicals LLC									
81173	USA		G	26OC1993	140995	11OC1994	5354430	11AP2006	26OC2013
Title: PROPYLENE OXIDE/METHYL TERT.-BUTYL ETHER PROCESS: PROPYLENE									
Inventors: CULBRETH W SHEU Y E W POTTRATZ D									
Owner of Record: Huntsman ICI Chemicals LLC									
81182	USA		G	23SE1993	125276	11OC1994	5354431	11AP2006	23SE2013
Title: Plural stage drying and purification of propylene oxide									
Inventors: TAYLOR M E									
Owner of Record: Huntsman ICI Chemicals LLC									
81265	USA		G	26AU1994	296633	25JL1995	5436375	25JA2007	26AU2014
Title: PEROXIDATION OF ISOBUTANE WITH OXYGEN IN A VERTICAL REACTOR.									
Inventors: THOMAS K A PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
81307	USA		G	31MY1994	251158	07NO1995	5464505	07MY2007	26SE2012
Title: USE OF PROPYLENE OXIDE ADDUCTS IN THE PURIFICATION OF									
Inventors: PETERS M W SMITH W A MUELLER M CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81309	USA		G	31MY1994	251151	26SE1995	5453160	26MR2007	31MY2014
Title: EXTRACTIVE DISTILLATION OF PROPYLENE OXIDE									
Inventors: PETERS M W CULBRETH W MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81424	USA		G	16JL1997	895286	25AU1998	5798412	25FE2006	16JL2017
Title: ALKYLENE GLYCOL PRODUCTION USING ACTIVATED CARBON CATALYSTS									
Inventors: SANDERSON MARQUIS E									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JUL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81448	USA		G	27AUL1997	917985	28SE1999	5958192	28MR2007	27AUG2017
Title: PURIFICATION OF PROPYLENE OXIDE USING ETHYLENE GLYCOL									
Inventors: MORFORD P									
Owner of Record: Huntsman ICI Chemicals LLC									
81449	USA	P	G	10NOV1997	966879	17AUG1999	5939592	17FEB2007	07OCT2016
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Inventors: KNIFTON J SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
81455	USA		G	20NOV1997	975523	14MR2000	6037516	14SEP2007	20NOV2017
Title: METHOD FOR REMOVAL OF OXYGENATE IMPURITIES FROM ORGANIC									
Inventors: MORFORD P LAMBERT T CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81459	USA		G	18MR1998	040817	08FEB2000	6023001	08AUG2007	18MR2018
Title: IMPROVED PEROXIDATION OPERATION BY PRESSURE CONTROL									
Inventors: CULBRETH W TAYLOR M E PRESTON K MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81472	USA	P	G	18FEB1999	253687	17OCT2000	6133484	17APR2008	10NOV2017
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Inventors: KNIFTON J SANDERSON SMITH W A GOSHINSKA									
Owner of Record: Huntsman ICI Chemicals LLC									
82053	USA		G	17AUG1995	516373	01APR1997	5616814	01OCT2004	17AUG2015
Title: METHOD FOR THE WATER WASHING AND RECOVERY OF MTBE									
Inventors: PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
82054	USA		G	08AUG1995	512723	02SEP1997	5663454	02MR2005	08AUG2015
Title: MTBE/DIMETHYL ETHER PURIFICATION FROM METHANOL AND									
Inventors: PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
82083	USA		G	17AUG1995	516030	01APR1997	5616217	01OCT2004	17AUG2015
Title: CONTROLLED ALKALI TREATMENT IN THE RECOVERY OF MTBE									
Inventors: TAYLOR M E									
Owner of Record: Huntsman ICI Chemicals LLC									

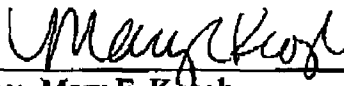
CERTIFICATE OF FORMATION
OF
HUNTSMAN IMPERIAL CHEMICALS LLC

1. The name of the limited liability company is Huntsman Imperial Chemicals LLC.

2. The address of its registered office in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Huntsman Imperial Chemicals LLC on this 23rd day of March, 1999.

By


Name: Mary E. Keogh

Title: Authorized Person

24567.01-Houston81A

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 06:00 PM 03/23/1999
991112929 - 3020381

04/12/99 01:19
12-APR '99 (MON) 16:18

SKADDEN ARPS → 1628251913027393673

NO. 827 D02

P. 004

04/12/99 10:06

NO. 170 P003/003

CERTIFICATE OF AMENDMENT

Pursuant to Section 18-202 of the
Limited Liability Company Act

1. The name of the limited liability company is Huntsman Imperial
Chemicals LLC.

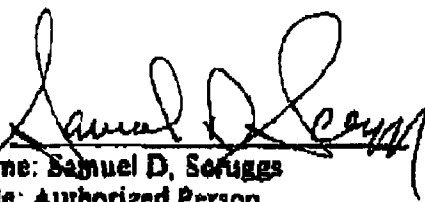
2. The Certificate of Formation is hereby amended to change the name
of the limited liability company to Huntsman ICI Chemicals LLC.

3. Accordingly, Article 1 of the Certificate of Formation shall, as
amended, read as follows:

"1. The name of the limited liability company is Huntsman ICI
Chemicals LLC.

IN WITNESS WHEREOF, the undersigned authorized person has executed
this Certificate of Amendment this 12th day of April, 1999.

HUNTSMAN IMPERIAL
CHEMICALS LLC

By: 
Name: Samuel D. Seruges
Title: Authorized Person

24730.01-Houston51A

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:00 PM 04/12/1999
991141499 - 3020381

PATENT
REEL: 015592 FRAME: 0204

CERTIFICATE OF AMENDMENT

TO

CERTIFICATE OF FORMATION

OF

HUNTSMAN ICI CHEMICALS LLC

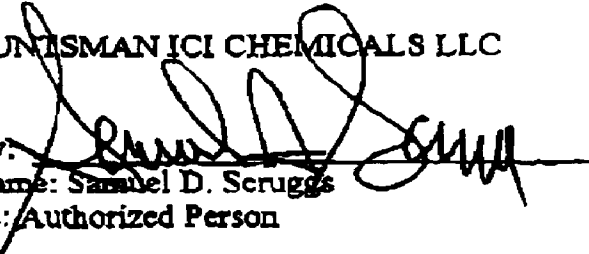
Pursuant to Section 18-202 of the
Delaware Limited Liability Company Act

1. The name of the limited liability company is Huntsman ICI Chemicals LLC (the "Company").
2. The Certificate of Formation is hereby amended to change the name of the Company to Huntsman International LLC.
3. Accordingly, Article 1 of the Certificate of Formation shall, as amended, read as follows:

"1. The name of the limited liability company is
Huntsman International LLC."

IN WITNESS WHEREOF, the undersigned authorized person has executed this
Certificate of Amendment this 7th day of December, 2000.

HUNTSMAN ICI CHEMICALS LLC

By: 
Name: Samuel D. Scruggs
Its: Authorized Person

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JUL2004

Docket No.	Clty	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
80313-C1C1	USA	P 01	G	16DE1987	133364	02JUL1990	4891437	02JUL2001	16DE2007
Title:EPOXIDATION OF OLEFINS IN A POLAR MEDIUM									
Inventors:MARQUIS E KEATING K KNIGHTON J SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80316-C1	USA	P 01	G	06DE1985	804132	31MR1987	4654427	30SE1998	31DE2004
Title:SYNTHESIS OF MOLYBDENUM OXIDE/ALKANOL COMPLEXES									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80316-C2	USA	P 02	G	06DE1985	804131	17MR1987	4650886	17SE1998	31DE2004
Title:SYNTHESIS OF AMMONIUM MOLYBDATE/ALKANOL COMPLEXES									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80403	USA	G	20DE1984	684216	15OC1985	4547598	15AP1997	20DE2004	
Title:TERT.-BUTYL HYDROPEROXIDE IN TERT.-BUTANOL DECOMPOSED BY									
Inventors:KEATING K MARQUIS E SANDERSON VANDEERPOOL									
Owner of Record: Huntsman ICI Chemicals LLC									
80421	USA	G	31DE1984	687701	02DE1986	4626596	02JE1998	31DE2004	
Title:PROPYLENE EPOXIZED BY TERT.-BUTYL HYDROPEROXIDE IN THE									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80421-D1C1	USA	C 01	G	12MY1989	351512	21AP1992	5107067	21OC2003	21AP2009
Title:REACTION OF PROPYLENE AND TERTIARY BUTYL ALCOHOL IN THE									
Inventors:MARQUIS E KEATING K SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80472	USA	G	14AP1986	851342	01SE1987	4691034	01MR1999	14AP2006	
Title:Purification of propylene oxide by treatment with calcium									
Inventors:KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80493	USA	G	06OC1986	916075	02FE1988	4722919	02AUL1999	06OC2006	
Title:SYNTHESIS OF VANADIUM/PROPYLENE GLYCOL COMPLEXES									
Inventors:MARQUIS E SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JUL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
80521	USA		G	14AP1986	851846	01SE1987	4691035	01MR1999	14AP2006
Title: Purification of propylene oxide by treatment with a selected									
Inventors: KEATING K MARQUIS E SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80557	USA		G	30DE1986	947672	19JUL1988	4758681	19JTA2000	30DE2006
Title: MOLYBDENUM-ETHYLENE GLYCOL COMPLEXES PREPARED BY HEATING									
Inventors: MARQUIS E PAYTON H F									
Owner of Record: Huntsman ICI Chemicals LLC									
80577	USA		G	27JE1986	879560	03NO1987	4704482	03MY1999	27JE2006
Title: PURIFICATION OF TERT-BUTYL ALCOHOL BY PASSING OVER SOLID									
Inventors: MARQUIS E MEYER R A RENKEN T L SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80603	USA		G	23DE1986	945629	07MR1989	4810809	07SE2000	23DE2006
Title: Ditertiary butyl peroxide recovery									
Inventors: MARQUIS E MEYER R A SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
80609	USA		G	03NO1986	926159	03MY1988	4742179	03NO1999	03NO2006
Title: TERT-BUTYL ALCOHOL (TBA) STREAM PURIFIED BY REMOVAL OF									
Inventors: GIPSON R M KEATING K MARQUIS E SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80630	USA		G	20NO1986	932322	10NO1987	4705903	10MY1999	20NO2006
Title: Catalytic decomposition of impurities in tertiary butyl									
Inventors: LARKIN J M SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80698	USA		G	31AU1989	401381	12FE1991	4992566	12AU2002	31AU2009
Title: Recovery of tertiary butyl hydroperoxide and tertiary butyl									
Inventors: KEATING K MARQUIS E MEYER R A SANDERSON									
Owner of Record: Huntsman ICI Chemicals LLC									
80956	USA		G	26JUL1991	736365	21AP1992	5106458	21OC2003	26JUL2011
Title: PROPYLENE OXIDE PURIFIED BY REMOVAL OF METHYL FORMATE USING									
Inventors: MEYER R A NGUYEN E T SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
 Company: Huntsman ICI Chemicals LLC
 Date of Report: 08JUL2004

Docket No.	City	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81032	USA		G	10JUL1992	818331	02MR1993	5191143	02SE2004	10JUL2012
Title: Preparation of Isobutylene									
Inventors: SU W Y SMITH W A TOULOUAN R									
Owner of Record: Huntsman ICI Chemicals LLC									
81086	USA		G	19NO1992	978570	07SE1993	5243091	07MR2005	19NO2012
Title: METHOD FOR THE MANUFACTURE AND RECOVERY OF METHYL TERTIARY									
Inventors: KRUSE C J HWAN R J PRESTON K SHEU P R									
Owner of Record: Huntsman ICI Chemicals LLC									
81103	USA		G	21JUL1993	006342	28DE1993	5274138	28JUL2005	21JUL2013
Title: MULTIPLE STAGE EPOXIDATION OF OLEFINS, E.G., PROPYLENE, WITH									
Inventors: MUELLER M KEATING K MARQUIS E									
Owner of Record: Huntsman ICI Chemicals LLC									
81112	USA		G	03OCT1991	770193	18AUL1992	5139622	18FEB2004	03OCT2011
Title: PROPYLENE OXIDE PURIFIED BY EXTRACTIVE DISTILLATION WITH									
Inventors: MARQUIS E SPERANZA G SHEU Y E G CULBRITH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81117	USA		G	01NO1991	786392	13OCT1992	5154804	13APR2004	01NO2011
Title: Removal of water, acetone and methanol from propylene oxide									
Inventors: MARQUIS E SPERANZA G SHEU Y E G CULBRITH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81136	USA		G	19APR1993	047910	16NO1993	5262017	16MY2005	19APR2013
Title: PROPYLENE OXIDE PURIFIED BY FOUR-STAGE DISTILLATION PROCESS.									
Inventors: MEYER R A SMITH W A MUELLER M DEMOLLO G B									
Owner of Record: Huntsman ICI Chemicals LLC									
81148-C1	USA		F	07JUL1995	372725	19AUL1997	5659091	19FEB2005	19AUL2014
Title: REMOVAL OF METHANOL FROM METHYL TERT.-BUTYL ETHER USING									
Inventors: PETERS M W SHEU Y E									
Owner of Record: Huntsman ICI Chemicals LLC									
81153	USA		G	06JUL1993	85805	20SE1994	5349072	20MR2006	06JUL2013
Title: Staged epoxidation of propylene with recycle									
Inventors: WU C T TAYLOR M E MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
Company: Huntsman ICI Chemicals LLC
Date of Report: 08JUL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81154	USA		G	08NO1993	148226	25AP1995	5410077	25OC2006	08NO2013
Title: CONTROLLED EPOXIDATION OF PROPYLENE									
Inventors: WU C T M TAYLOR M E MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81171	USA		G	13MR1995	403021	17JUL1997	5639355	17DE2004	13MR2015
Title: METHOD FOR ENHANCING THE YIELD OF TERTIARY BUTYL ALCOHOL IN									
Inventors: JONGENBURG									
Owner of Record: Huntsman ICI Chemicals LLC									
81173	USA		G	26OC1993	140995	11OC1994	5354430	11AP2006	26OC2013
Title: PROPYLENE OXIDE/METHYL TERT. -BUTYL ETHER PROCESS: PROPYLENE									
Inventors: CULBRETH W SHEU Y E W POTTRATZ D									
Owner of Record: Huntsman ICI Chemicals LLC									
81182	USA		G	23SE1993	125276	11OC1994	5354431	11AP2006	23SE2013
Title: Plural stage drying and purification of propylene oxide									
Inventors: TAYLOR M E									
Owner of Record: Huntsman ICI Chemicals LLC									
81265	USA		G	26AU1994	296533	25JUL1995	5436375	25JA2007	26AU2014
Title: PEROXIDATION OF ISOBUTANE WITH OXYGEN IN A VERTICAL REACTOR.									
Inventors: THOMAS K A PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
81307	USA		G	31MY1994	251158	07NO1995	5464505	07MY2007	26SE2012
Title: USE OF PROPYLENE OXIDE ADDUCTS IN THE PURIFICATION OF									
Inventors: PETERS M W SMITH W A MUELLER M CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81309	USA		G	31MY1994	251151	26SE1995	5453160	26MR2007	31MY2014
Title: EXTRACTIVE DISTILLATION OF PROPYLENE OXIDE									
Inventors: PETERS M W CULBRETH W MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81424	USA		G	16JUL1997	895286	25AU1998	5798412	25FE2006	16JUL2017
Title: ALKYLENE GLYCOL PRODUCTION USING ACTIVATED CARBON CATALYSTS									
Inventors: SANDERSON MARQUIS E									
Owner of Record: Huntsman ICI Chemicals LLC									

Huntsman International LLC & Subsidiaries
Company: Huntsman ICI Chemicals LLC
Date of Report: 08JL2004

Docket No.	Ctry	Types	Status	App Date	App No	Grant Dt	Pat No.	Nxt Tax Dt	Exp Dt
81448	USA		G	27AU1997	917985	28SE1999	5958192	28MR2007	27AU2017
Title: PURIFICATION OF PROPYLENE OXIDE USING ETHYLENE GLYCOL									
Inventors: MORFORD P									
Owner of Record: Huntsman ICI Chemicals LLC									
81449	USA	P	G	10NO1997	966879	17AU1999	5939592	17FE2007	07OC2016
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Inventors: KNIFTON J SANDERSON SMITH W A									
Owner of Record: Huntsman ICI Chemicals LLC									
81455	USA		G	20NO1997	975523	14MR2000	6037516	14SE2007	20NO2017
Title: METHOD FOR REMOVAL OF OXYGENATE IMPURITIES FROM ORGANIC									
Inventors: MORFORD P LAMBERT T CULBRETH W									
Owner of Record: Huntsman ICI Chemicals LLC									
81459	USA		G	18MR1998	040817	08FE2000	6023001	08AU2007	18MR2018
Title: IMPROVED PEROXIDATION OPERATION BY PRESSURE CONTROL									
Inventors: CULBRETH W TAYLOR M E PRESTON K MUELLER M									
Owner of Record: Huntsman ICI Chemicals LLC									
81472	USA	P	G	18FE1999	253637	17OC2000	6133484	17AP2008	10NO2017
Title: METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS									
Inventors: KNIFTON J SANDERSON SMITH W A GOSHINSKA									
Owner of Record: Huntsman ICI Chemicals LLC									
82053	USA		G	17AU1995	516373	01AP1997	5616814	01OC2004	17AU2015
Title: METHOD FOR THE WATER WASHING AND RECOVERY OF MTBE									
Inventors: PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
82054	USA		G	08AU1995	512723	02SE1997	5663454	02MR2005	08AU2015
Title: MTBE/DIMETHYL ETHER PURIFICATION FROM METHANOL AND									
Inventors: PRESTON K									
Owner of Record: Huntsman ICI Chemicals LLC									
82083	USA		G	17AU1995	516030	01AP1997	5616217	01OC2004	17AU2015
Title: CONTROLLED ALKALI TREATMENT IN THE RECOVERY OF MTBE									
Inventors: TAYLOR M E									
Owner of Record: Huntsman ICI Chemicals LLC									

July
2004

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "HUNTSMAN INTERNATIONAL LLC" AS RECEIVED AND FILED IN THIS OFFICE.

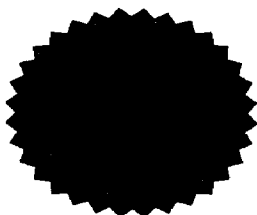
THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF FORMATION, FILED THE TWENTY-THIRD DAY OF MARCH, A.D. 1999, AT 6 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HUNTSMAN IMPERIAL CHEMICALS LLC" TO "HUNTSMAN ICI CHEMICALS LLC", FILED THE TWELFTH DAY OF APRIL, A.D. 1999, AT 1 O'CLOCK P.M.

CERTIFICATE OF AMENDMENT, CHANGING ITS NAME FROM "HUNTSMAN ICI CHEMICALS LLC" TO "HUNTSMAN INTERNATIONAL LLC", FILED THE EIGHTH DAY OF DECEMBER, A.D. 2000, AT 12:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID LIMITED LIABILITY COMPANY.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3224835

DATE: 07-09-04

3020381 8100H

040507164

RECORDED: 07/26/2004

PATENT
REEL: 015592 FRAME: 0211