



**The U.S. Consumer Product Safety Commission**

# **CAP Database**

## **Children and Poisoning**

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**These comments are those of the CPSC staff, have not been reviewed or approved by, and may not necessarily reflect the views of, the Commission.**

# What is CAP?

- **Subset of NEISS**
- **Additional codes added to NEISS to more specifically identify a substance and formulation (taken from Comment Field)**

# Why Develop CAP?

- **NEISS is a large data set**
- **NEISS codes are not specific to PPPA**
- **No formulation codes for each substance**

# Selection Criteria

- **Age under 5 years AND**
- **NEISS code diagnosis of:**
  - **68 Poisoning**
  - **49 Chemical burn**
  - **41 Ingestion**

# **Additional CAP Codes**

- **4 Additional data fields**
- **Additional data taken from NEISS comment field**
- **Menu driven**

# 1<sup>st</sup> Field

- **Product (2 Characters + 4 Numbers)**
  - Type of drug / chemical
  - Major drug / chemical classification
  - Drug / chemical type
- **Descriptor (automatically entered)**

# 2<sup>nd</sup> Field

- **Formulation**

- **Solid**

- **Transdermal patch**

- **Powder**

- **Cream or gel**

- **Liquid**

- **Aerosol**

- **Gas or vapor**

- **Unknown**

# 3<sup>rd</sup> Field

- **Combination**
  - **Yes**
  - **No**
  - **Unknown**



# Other Differences

- **Multiple ingestions**
- **Medication error**
- **Human vs. veterinary use**
- **Ethnic and herbal medications**

# CAP compared to NEISS

## CAP allows

- Precise drug/chemical classification
- Drug/chemical formulation
- Drug/chemical combinations
- Allows for multiple ingestions
- Limited number of cases
  - age
  - type of injury
  - product(s)

# NEISS Compared to CAP

- **NEISS**

1930 – Aspirin  
Substitutes

- **CAP**

NP2000 – Acetaminophen  
NP3000 – Ibuprofen  
NP4000 – Ketoprofen  
NP5000 – Naproxen

# CAP records

- 1995 – 3714
- 1996 – 4039
- 1997 – 3563
- 1998 – 2919
- 1999 – 3023
- 2000 – 3047
- 2001 – 3634
- 2002 – 3978
- 2003 – 4214
- 2004 – **4311\***

*\*as of 3/1/05*

# NEISS Screen

The screenshot shows a software window titled "EPIR Main Window" with a menu bar (File, Reports, Lookup Codes, Windows, Help) and a sub-window titled "Case List". The main content area displays a "CASE LIST WITH SPECIAL STUDY DATA" for the date "8/30/2004", labeled as "Page 1".

The case details are as follows:

- CASE ID:** [REDACTED]
- HEK:** 980106355
- COLLECTION DATE:** 01/08/1998
- CASE WEIGHT:** 6.250
- TASK NO:** [REDACTED]
- PRODUCT 1:** 929 DRAIN CLEANERS
- AGE:** 2
- DOB:** [REDACTED]
- Precision:** [REDACTED]
- PRODUCT 2:** 0 NO SECOND PRODUCT INVOLVEMENT
- SEX:** 2 FEMALE
- DISPOSITION:** 4 4=TREATED & ADMITTED FOR HOSPITALI
- BODY PART:** 85 ALL OF BODY
- FMV:** 0 NO MOTOR VEHICLE, NO FIRE INVOLVEM
- DIAGNOSIS:** 68 POISONING
- LOCATION:** 0 UNKNOWN
- DIAG. OTHER:** [REDACTED]
- OCCUPAT:** 2 INJURY NOT OCCUPATIONAL OR WORK-F
- RACE:** [REDACTED]
- INTENT:** [REDACTED]
- COMMENTS:** [REDACTED]
- SPCODES:** [REDACTED]

Additional information includes: "- SWALLOWED PROFESSIONAL-STRENGTH DRAIN CLEANER DX: ACID INGESTI ON" and "Poisoning Special Study 9 Data".

Navigation buttons at the bottom of the window include: Save As..., Print, Close, Next, Previous, IDI Image, and Assign Msg.

The Windows taskbar at the bottom shows the Start button, several open applications (Inbox, Micros..., EPIR..., untitled...), and the system clock indicating 4:01 PM.

# CAP Screen

The screenshot displays the EPIR Main Window with a Case List for a patient. The window title is "EPIR Main Window" and the menu bar includes "File", "Reports", "Lookup Codes", "Windows", and "Help". The Case List window is titled "Case List" and contains the following information:

**CASE LIST WITH SPECIAL STUDY DATA 8/30/2004 Page 3**

**CASE ID:** [REDACTED] **COLLECTION DT:** 01/08/1998 **WEIGHT:** 6.2500  
**AGE:** 2 **SEX:** 2 FEMALE **DISPOSITION:** 4 4=TREATED & ADMITTED FOR  
**DIAGNOSIS:** 68 POISONING **BODY PART:** 85 ALL OF BODY  
**LOCATION:** 0 UNKNOWN **FMV:** 0 NO MOTOR VEHICLE; NO FIRE  
**PRODUCTS:** 929 DRAIN CLEANERS **TASK NO:**  
0 NO SECOND PRODUCT INVOLVEMENT  
**COMMENTS:** - SWALLOWED PROFESSIONAL-STRENGTH DRAIN CLEANER DX: ACID INGESTI  
ON  
**PCAT:** **PTRADE:** **RX:**  
**COMMENT:** **MULTIPLE INGESTIONS:**  **CAP UPDATE:** 12/07/2000

<u>PRODUCTS</u>	<u>FORMULATION</u>	<u>COMBINATION</u>	<u>DESCRIPTION</u>
HS1510	L	N	ACID DRAIN CLEANERS, OPENERS

At the bottom of the Case List window, there are buttons for "Save As...", "Print", "Close", "Next", "Previous", and "IDI Image". The Windows taskbar at the bottom shows the Start button, several application icons, and the system clock displaying 3:57 PM.

# How CAP is used

**Questions?**